

### METEOROLOGICAL OBSERVATIONS

MADE AT

#### THE HONORABLE EAST INDIA COMPANY'S

# OBSERVATORY

## MADRAS,

UNDER THE SUPERINTENDENCE OF W. S. JACOB, ESQ., F.R.A.S.,

ASTRONOMER TO THE HONORABLE COMPANY



IN THE YEARS 1851-1855.

PRINTED BY ORDER OF

THE MADRAS GOVERNMENT.

#### MADRAS.

PRINTED AT THE SCOTTISH PRESS, BY GRAVES, COORSON AND CO. MDCCCLARIV.

### INTRODUCTION.

THE Observations contained in this volume, the third of the twenty year series of hourly registrations at Madras, are those made at the Observatory during the five years 1851 to 1855, by native assistants, under the direction of the Honorable Company's Astronomer W. S. Jacob Esq., F.R.A.S. Although taken in connection with the magnetical researches, carried on agreeably to the routine prescribed by the Royal Society's Committee of Physics in 1840, they have been published agreemently, as possessing an interest and importance of their own, independent of other investigations.

#### INSTRUMENTS.

The instruments employed were for the most part the same as throughout the former ten years of published heurly observations.

The Barometer, still in use, was Newman's Standard No. 42. The diameter of its tube is 0.514 inch; its thickness 0.125 inch, and the diameter of the cistern \$264 inches : hence, when used with a fixed zero, the proper capacity correction \$i\_1\text{th}\$. It has always been used with a fixed zero or neutral point 29.900 inches and the capacity correction applied, instead of adjusting the end of the ivery cone to the surface of the mercury in the cistern. Agreeably to comparisons made in 1840, before the despatch of the instrument to Madras, it then read 0.005 inch higher than the Flint Glass Standard of the Royal Society, or 0.012 inch higher than the Crown Glass Standard. The reduced atmospheric pressures have however never been corrected for this difference, and considering the long time the instrument has been in use it does not new appear desirable to trust to this correction or to make any change in the results, until the arrival of a new standard, confirming or improving upon the old comparisons.

The Dry Bulb Thermemeter employed was by J. Newman; a fair instrument of its kind, but reading much too high, and erroneously called a standard; a distinction no thermemeter is entitled to nuless capable of direct verification at the twe natural zero points of freezing and boiling water. It was sent out in a mahagany case with a glass front, and appears to have been recorded thus encased up during the earlier years; and when the glass was remeved, a small brass plate was substituted over the bulb end to protect it from injury. This was finally removed on 1855 February 18th. Such annecessary and very objectionable coverings must of course have considerably diminished the appeared fally pay, though the mean temperature would be almost identical. Its limited scale reached only to 100° Fahrenheit, beyond which it must have burst but for the assidaous care of the native observers in charge, who saved it from destruction by the application of a wet cloth during the het afternoons of May and June whenever the temperature rose above 105°. Higher temperatures were always read off the maximum thermometer and thus only was the standard preserved from year to year in safety. The situation of the thermometer stand was also highly objectionable, being in a tiled brick verandah, subject to nadue protection from either extreme, and therefore giving much too small a diurnal range; though the mean daily temperature was found to differ very slightly from that shewn by the more freely exposed standard thermemeters since introduced.

The Wet Bulb Thermometer used during the years 1851 and 1852 was the same as throughout the preceding ten years; a small ene with a brass scale, also by J. Newman; but whereas it was formerly used without any correction it was reduced up to the Old Standard in 1851 and 1852 by the application of a correction of + 0.°3. From 1873 January 1st, a new instrument, Kew Ne. 8, was substituted, and to this a correction of + 0.°2 was applied up to the end of the five years.

#### INTRODUCTION.

The Humidity of the Air and Tension of the Atmospherio Vapour were calculated by means of convenient manuscript tables, based upon those published by Lieut. Col. Boileau, Director of the Honorable East India Company's Magnetic Observatory at Simla,—the earlier octavo edition. The Tension numbers were Biot's and will therefore differ alightly from similar deductions based upon Regnant's more recent values.

The Direction and Forco of the Wind were registered by Osler's Anemometer, but for many reasons the mean daily and monthly values must be received with much caution. It is my intention to give, in the fourth volume of this series, corrected values of the Mean Directions throughout; as besides frequent orreneous means, the constant rejection of days as variable, when the Mean Direction was simple and self-evident as could be, has rendered this, which from its continuity might have been the best portion of the returns, most decidedly the worst and very misleading, in the three volumes already published. The Force Tables are of little value, except for pointing out stormy days about the changing times of the monascons.

The Rainfall returns are unquestionably reliable, but those for Evaporation are quite worthless; the Evaporator consisting of a copper dish, containing less than au inch and half of water, freely exposed to the sun, which of course heated the Evaporator during the day most unfairly; besides which it was too frequently used as a drinking trough by crows, and sometimes even by cattle, for want of better protection.

The Radiation Thermometers were not used during the year 1851, nor until October in 1852. The Sun Maximum was an ordinary thermometer, with its bulb rough blacked, and hung much too close to a teak-wood stand; thereby reudering it incomparable with subsequent registers of the very superior rough black bulbs in vacuo or the freely exposed bright black bulbs since employed.

The maximum and minimum results are probably good enough inter se, but owing to the unfavourable position of the theoremeters, which, as before mentioned, were unduly shielded from each extreme of temperature, the daily range must have been very considerably undersated.

The general plan of reduction, though identical with that of similar hourly series of observations elsewhere published, is very different to what I should have adopted. The total omission of the readings of the barometer and them cometers on Sundays, when three observations were always made, and daily means might so well have been deduced by the help of the hourly variations upon other days; and the adoption of Gottingen instead of Madras mean time, thereby causing nine hours of each Saturday to be mixed up with fifteen hours of the following Monday as the mean of one day, are especially objectionable. In such publications, however, uniformity is every thing, and hence neither I nor my predecessors have presumed to introduce any changes upon the course pursued by Colonel S. O. E. Ludlow, the first Magnetical Director; nor do I intend to in the concluding fourth volume now in hand, except in the Direction of the Wind, of which, for reasons before named, fresh means throughout are really necessary.

In conclusion, I have much pleasure in testifying to the general care, honesty and accuracy of the native staff employed on this duty. The principal meteorological and magnetical assistant, R. Ramanjooloo Naidoo, was intelligent, destrong and methodical in the extreme; and the whole twenty year series may be received with great reliance, thanks to his personal diligence and the ever watchful control he maintained over his subordinates. For accurate registration of the instruments, scrupulous arithmetic and press revision when figures only were concerned, I do not think a better staff of assistants could have been desired than the natives attached to the Magnetical Department of the Madras Observatory. Their explanatory notes are sometimes singularly worded as might be expected, and I regret to find that many such have escaped my notice and gone to press uncorrected.

Madras Observatory, August 1st, 1874.

N. R. POGSON,

Government Astronomer.

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## MADRAS, 1851.

METEOROLOGICAL OBSERVATIONS.

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H 1	8 1	97	916	-940	.984	.984	-967	.984	-978	.984	.948	928	.551	1927	.948	.984	.991	.011	.013	0.996	.568	.940	906	.878	872	+98
H 1	0 .	19	937	.958	-975	1-005	1.011	1-010	1.007	1.001	.987	974	.988	-970	1992	1-018	1.053	.063	.072	.078	1-050	1.005	1 003	979	-976	1.00
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	7	889	.858	.866	-691	.918	925	936	924	914	.800	*887	*862	*899	917	-936	.988	964	.984	.874	945	.922	.888	.881	*853 *882	9

BAROMETRIC PRESSURE.

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RCH								-930			.884	.872	*868	.377	.895	929	.957	.975	.988	.986	954	.930	.900	.879	868	•90
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2	5 .	870	.877	.888	.926	.951	.960	-957	.952	.936	.923	.912	.912	.921	.922	.937	.983	0.993	0.997	.983	.970	.952	.919	.894	*885	-93
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21				853				-941			.004	. 991	.009	.994	.909	.823	.949	.901	.940	.838	.808	.991	.990	.991	*817	.80
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Means.	1.	861	·873	.887	908	.932	.947	.950	942	.924	.908	-897	*894	.904	.919	.912	-986	.983	.985	-974	.949	.922	-892	.869	*859	0.92
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	1 6	0-896	0.917	0.940	0.963	0.981	0.992	1.000	0.983	0 970	0 955	0 945	0.943	0.952	0.965	0.981	1-007	1:031	1-039	1-037	1-017	0-960	0.949	01929	0-925	0 97
								.012																		.97
	3 .	886	.898	.915	.983	.952	0.960	0.962	0.951	.934	.918	1908	.904	911	.926	945	0.955	0.971	0.966	0.952	923	.883	*842	-826	.806	.91
								885				.833	.829	.836	.820	.870	.894	.888	.893	.878	.844	.813	.784	.761	.741	*84
	5 .	747	.198	.188	.801	.827	.837	-841	.838	.816		.070	.079	.000	.000	.000	.047	·nex	970	.004	.000	.011	.000	0.1	.010	-86
	7 .	852	-859	-878	-901	-919	.091	-918	-907	-900	-885	975	-881	-898	-918	-945	973	-989	987	-979	.951	-991	-888	-878	870	
	3 .	884	.888	.899	.920	.948	.951	.954	.952	.920	-910	.908	-899	.904	926	.946	.966	.988	.972	.976	.958	-928	.888	.886	.855	-92
1	9 .	853	.860	+856	.887	.909	.911	.921	.911	.893	-878	.868	.884	.871	.890	.9118	.925	.941	.948	.936	.912	.882	.842	.825	.799	.88
								.803																		*85
1								.859				.790	.784	.789	·819	.836	854	.865	*858	.848	.828	.796	.755	.732	.712	.80
ri 1		715	.723	.747	.775	.818	.838	.839	.829	.822		.005	-000	-077	-0.00	.015		-0.57	955	-0.10	.004	-000			.001	-85
		831	-997	-970	-800	-917	-090	929	.015	-907																-89
		813	-812	-831	*859	.882	.896	-891	.879	-877	-883	*855	.855	.866	.889	.916	.939	945	946	.919	.902	.875	1848	-821	-813	-87
VPRIL	6 .	797	.802	.815	.838	.859	*871	.884	.878	.870	.859	.853	.848	.854	-889	.901	.927	.988	-932	.808	*885	.839	.812	.792	.769	*85
E 1								.859											-895	*880	.871	.843	.817			.83
11		767						-888			.840	.839	.842	.857	.888	.915	.939	.953	.953	.945	927	.901	.874	*848	.830	-88
21		826	821	844	875	.890	.899	-870	870	-861	.000	.000	.094	.700	-810	-810	.000	.699	-827	-800	-797	740	-790	700		-82
2		694	-702	.794	.750	.777	-791	.798	.787	.764															658	.75
2				-696				.752																	652	-72
2	3 .	652	670	.700	.722	741	.752	.744	.734	.725	.716	.713	.718	.735	.748	.767	.808	.806	-800	.778	.752	.722	691	.668	654	.73
2.								.749											.774						.815	.71
2:				.636				.704			-881	-664	.658	-664	.663	.879	-697	.705	-697	.681	676	657	.634	614	.592	-68
21		576	.591	.632	655	.896	.890	-688	*882	674			_	-	-	-	-0.0		-000	-	.0.0	-	-		-	_
2					5		-200	-770						719					.799							.70
21								·770																		·73
36								687																	588	62
				- 0 10			-11	-0,	- 40	-00	010	000		-01	-00							-20			- 50	-
31	7																								- 1	

BAROMETRIC PRESSURE.

Barometer at 32° = 29 English inches + the number in the Table.

ottinger can Tin	je.	Noon.	1	3	3	4	5	6	7	8	9	10	11	13	13	14	15	16	17	18	19	20	21	33	23	Daily a
Madras con Tim	et.	4.41	h. m. 6. 41	b. m. 6. 41	h. m. 7.41	b. m. 6. 41	b. m. 9. 4t	h. m. 10. 41	h. m. 11. 41	h. m. 12. 41	h m. 13. 41	h. m. 14. 41	h. m. 15. 41	h. m. 16. 41	h. m 17. 41	h. m. 15. 41	h. m. 19. 61	b. to. 30. 41	h.m. 81.41	h. m. 22.41	h. m. 23, 41	b. m. 0.41	h. m. l. 41	h. m. 2.41	b m. 3,41	Month Meun
		In.	In.	In.	ln.	In.	In.	In.	In.	In.	In.	In.	In.	In.	ln.	In.	Iu.	ín.	1n.	In.	In.	ln.	In.	In.	1 n.	Ir
	2 3	0 593 •595 •456	0 197 565 474	0417 -580 -491	605 499	0 625 -605 -518	616	613	0 644 '587 '507	0 614 -577 -470	0 592 '543	0 576 514	0.576 -502	0 sas 502	504 504	6 621 5 2 0	0649 '545	0-677 -554	0-619 563	0.062 -558	0 659 '531	0 615 •508	484	0408 •462	0 581 1454	0.6
	5	469	-503	-540	-578	604	-625	621	617	611	·348 ·604	·231 ·603	616	·205	·191 ·664	·231 ·689	·267 ·714	·309 ·739	376 748	·398 ·739	·418 ·730	·439 ·703	·432 ·682	·438 ·676	·443 ·672	.9
	6 7 8	·679 ·740 ·751	·693 ·750 ·769	726 791 798	*811 *817	·767 ·837 ·848	795 857 863	·866 ·864	·852 ·856	*834 *846	·752 ·821 ·827	·745 ·814 ·813	·751 ·814 ·822	·769 ·827 ·843	·773 ·841 ·853	·814 ·860 ·869	*851 *880	*846 *889 *891	·842 ·887 ·890	·830 ·865 ·876	·821 ·852 ·848	·793 ·815 ·812	767 783 780	750 766 755	733 749 737	·7 ·8 ·8
	9 10 11	737	·755 ·737	·782	·806 ·777	·834 ·801	·842 ·818	·837 ·820	·828 ·808	·811 ·780	786	·767	·769	784	·800	·829	·849	·859	·856	·844	·813	·788	·764	·738	728	-8
	12 13 14	-668 -699	·681 ·719 ·705	712 741 729	739 768	765	·779	·773	·756	789	714	·699	·699	·711	·730	·758 ·804	786	801	·808	·813	·772	·746	727 731	708	695	:7
1851.	15 16	·679	·690 •724	718 743	758 744 762	781 765 783	-807 -771 -801	·806 ·776 ·805	·799 ·774 ·798		·763 ·753 ·758	751 754 748		748	733 772 745	·780 ·792 ·759	799 ·801 ·786	·810 ·806 ·807	·814 ·797 ·815	795 791 790	·769 ·775 ·774	·743 ·751 ·745	717 734 731	·694 ·717 ·706	-679 -706 -690	-7
MAY	17 18 19	689	-698	-709 -703	·731	750	762	·802	754	730	·724 ·759	·723	·720 ·735	·729 ·739	·744 ·759	·760	785 798	-787 807	·786 ·805	774 796	·751 ·779	·732 ·760	·699 ·739	·686	·682	-7
	20 21 22	·701 ·676 ·648	*704 *686 *662	793 711 683	744 740 701	·781 ·764 ·721	·813 ·783 ·743	·835 ·786 ·746	·811 ·776 ·728	795	766	742	734	738 710 702	755	·780 ·743 ·738	791 756 756	791 765 771	·793 ·770 ·768	781 750 753	·758 ·735 ·738	739 710 710	·721 ·680 ·674	·700 ·667 ·649	679 650 630	·7
	23 24	·641 ·670	659 696	·690 ·723	·715	·719	725 769	737	·719	702	-691	685	671	670	673	702	.721	726	756	811	-800	754	745	.690	665	.7
	25 26 27	·697 ·750	712 760	731 784	·759 ·798	·791 ·812	·810 ·827	·814 ·849	·808 ·846	·793	·719 ·783 ·820	·693 ·779 ·817	·696 ·777 ·813	·711 ·788 ·822	728 807 835	·756 ·838 ·862	·777 ·853 ·872	·784 ·862 ·859	·797 ·865 ·885	·859 ·872	*774 *894 -837	·762 ·805 ·802	·740 ·778 ·778	·719 ·762 ·745	·697 ·748 ·740	7
	28 29 30 31	·735 ·702 ·623	744 716 630	754 726 614	·783 ·747 ·663	·806 ·761 ·694	·839 ·766 ·710	·831 ·767 ·716	·811 ·750 ·706	·785 ·729 ·675	·768 ·713 ·663	-703	.699	·761 ·708 ·653	·720		.760	·842 ·763 ·723	·848 ·756 ·730	·831 ·739 ·712	·800 ·709 ·653	·655	·663 ·622	·792 ·633 ·597	·703 ·624 ·580	·7
Mean	s.	-670	682	701	-726	-747	765	768	-757	-737	.715	-699	-696	-706	718	-741	-762	-774	-778	-769	749	.724	·700	·680	-667	0.7
May	31	0-164	0 602	0 614	0-634	0 659	0-676	0 493	0 680	0-613	_	_	-	_	_	_	_	_	_	_	_	_	_	_	-1	0-6
	1 2 3	·589 ·608	·610	·626 ·634	·650	·665	·668	660	-648 -664	634	·612	0.618 -596 -637	·602	617	636	·655 ·696	0 696 -669 -722	685 726	694 720	·686 ·704	678 687	660 657	637 630	614 614	604 601	-6
	5	605 602 578	618 620 597	638 648 615	-652 -656 -680	*677 *673 *665	·676 ·702 ·679	-670 -708 -679	658 679 678	-643 -657 -657	·626 ·636 ·649	·615 ·621 ·647	613 625 643	-620 -639 -648	632 656 671	·655 ·674 ·682	674 693	·678 ·702 ·700	678 697	·690 ·680	·647 ·664 ·658	623 638 627	616 616	·589 574	·572 ·582 ·557	6
	7	·548	·568	·632	613	640	·660	716	702	-644	·653	·667	·664 ·642	670	_	·720	·745	·743	745	·734	-712 -637	675	648	615	·602	6
	10 11	·569	·581 ·551	·589	·610	623	640	·649	648	646	624	614	·613	·621	676	·669	·682	·691 ·732	·679	·659	·640 ·702	682	·594 ·649	619	·546 ·599	-6 -6
	12 13 14	·596 ·583 ·614	-617 -600 -641	-631 -618	668 644 688	705 677 713	·709 ·693 ·747	707 706 743	-690 -702 -730	·670 ·693 ·793	·681	655	·652 ·674	659	·676	·701	748	739 756	·732 ·753	726 743	·708 ·728	-680 -695	657	619	·616	.6
1851	15 16	725	741	750 -771	771	·805	-847 -857	-868 -834	·864 810	844	·736 ·814 ·772	755 790 765	-752 -780 -769	·759 ·780 ·782	·772 ·786 ·789	·799 ·823 ·800	·818 ·847 ·814	·833 ·851 ·831	.834 ·859 ·830	·824 ·852 ·814	·808 ·834 ·801	·785 ·812 ·782	764 785	·740 ·752 ·738	.729 ·727 ·730	·8
TUNE 1881	17 18 19	718	732	748	771	·789	·803	·806	795	·776	·765	-760 -751	·762	774	·790 ·772	·810	·823	·842	·840 ·830	·838	·826	·796 ·781	765	·744 ·745	·793	-7
	20 21 22	·712 ·697	·799 ·714	·745	764	·784 ·787	788	·793 ·825	·516	·762	·738	790	-722 -776	734	742	767	·782	·792	·791	·788	779	·765	·742	·712	699	7
	93 24	·667	·685 ·607 ·614	·694 ·620 ·637	·699 ·642 ·668	·709 ·653 ·697	-709 -668 -709	·705 ·680 ·725	·699 ·671 ·711	·683 ·655 ·699	·671 ·649 ·678	664 649		662 666	-681 -675 -685	706 704 708	·727 ·733 ·719	·733 ·746 ·731	728 740 728	·714 ·715 ·708	·703 ·694 ·688	·680 ·668 ·670	·650 ·653 ·645	·626 ·627 .631	-608 -607 -623	.6
	25 26 27	604	·615	632	*680 *647	·699	·712	·727	·717	669	671 -648	633	·661 ·629	·672 ·635	655 677 638	-692 -650	·707	·715	·715 ·712	708 700 710	-685 -692	.663 .664	638	·618	608	6
	28 29 30	·631	614	·666	·668 ·695	·674	722	·693 ·749	719	·676	·693 ·701	·715 ·700	-706 -698	707 705	·719 ·715	·733 ·731	748 734	·752 ·736	·740 ·724	·725 ·709	·703 ·704	-693 -690	·675 ·665	·649 ·641	·635 ·636	.6
Mean	_	695	-641	-658	-681	702	.718	-725	.713	-697	'685	-678	-677	-685	-699	+790	-738	-747	-745	•733	•717	-693	-668	.644	-629	0.6

<sup>\*</sup> The numbers in these Columns are not observed, but interpolated for the sake of obtaining the daily means,

BAROMETRIC PRESSURE.

Barometer at 32° = 29 English Inches + the number in the Table.

Gullingen dean Time,	Noon	. 1	2	3	4	5	6	7	8	9	10	11	19	13	14	15	16	17	19	19	20	21	22	23	Duily >
Madras Mean Time.	h. m. t. 41	h. m. 5. s1	h.m 6 il	b. m. 7.41	h m. 8,41	h m. 9.41	h. m. 10. s1	h, m. 11, 41	h m. 12 41	h.m. 13 41	h to. 14 41	h ==. 15 41	h. m 16 41	h. m 17.41	h m- 18 41	h. m 19 41	h m 20 41	h.m. 21.41	h m, 22 41	h. 26, 23, 41	h. m. 0 41	h.m. 1.41	h. m. 2 41	h. m. 3-41	Mea
	Īu.	In.	In.	Īn.	Iu.	In.	In.	In.	In.	In.	In.	Iu.	In.	In.	In.	In.	In.	Ia.	In.	In.	In.	In.	1n.	In.	1
1 2 3 4	608 608 581 606 639	0-637 -617 -587 -608 -637	0-638 -035 -031 -027 -651	663 640 659	661 661 678	676 676 684 682		658 672 698	601 662 665 709	669 645 658	651 631 655	651 623 646	657 021 643	669 669	681	0000 0000 074 728	691	691 676 683	679 665 673	665 642 679		634 586 617	0424 '010 '577 -611	0 611 *558 *576 *621	0.6 -6
0 7 8 9 10	-697 -609 -601 -673	-707 -603 -615 -685 -629	738 613 634 699	·749 ·611 ·657 ·725 ·661	766 659 651 743	773 672 696 748 705	·777 ·675 ·696 ·761 ·742	772 051 691 754	741 632 685 742 705	·712 ·719 ·617 ·666 ·727 ·682	718 700 605 650 716 663	·724 ·699 ·595 ·650 ·711 ·663	737 701 591 656 712 669	757 ·712 ·614 ·667 ·710 ·689	782 -716 -046 -712 -731 -702	796 731 -060 742 -736 714	·807 ·735 ·668 ·747 ·738 ·732	·798 ·715 ·667 ·748 ·717 ·730	798 701 653 742 723 728	·796 ·684 ·646 ·742 ·706 ·711	658 637 728	-746 -635 -628 -712 -671 -662	721 621 599 696 647 633	·705 ·614 ·597 ·676 ·624 ·613	·7 ·6 ·6 ·7
13 13 13 15 10 17 18 17 18 18 18 18 18 18 18 18 18 18 18 18 18	-545 -510	-600 -600 -612 -572	·017 ·617 ·610 ·628 ·554 ·595	·615 ·638 ·646 ·602 ·607	-683 -673 -694 -652 -613 -626	·710 ·660 ·639 ·619	-737 -689 -710 -666 -641 -650	-731 -688 -706 -661 -634 -645	-721 -679 -694 -648 -625	·095 ·672 ·677 ·635 ·602 ·624	-652 -669 -663 -626 -582 -611	-655 -662 -656 -626 -573 -617	-664 -662 -635 -632 -570 -630	-671 -670 -662 -040 -595 -653	-685 -688 -662 -616 -686	-093 -651 -701 -670 -634 -707	709 700 712 683 634 729	·708 ·702 ·713 ·671 ·037 ·735	-693 -691 -695 -656 -618 -725		644 664 650 623 589 693		-597 -616 -032 -575 -551 -660	·577 ·591 ·616 ·548 ·530 ·651	-6 -6 -6 -5
20 21 22 23 23 24 25	-745 -760 -717 -696 -661	·669 ·752 ·723 ·724 ·713 ·701	-093 -762 -745 -737 -733 -701	723 -782 -762 -755 -755 -755 -720	*748 *804 *781 *779 *770 *741	763 -815 -790 -787 -780 -750	·773 ·811 ·805 ·759 ·788 ·753	·806 ·796 ·785 ·766 ·751	777 789 777 777 770 743 728	·790 ·781 ·706 ·744 ·731 ·716	-807 -776 -759 -722 -723 -708	·797 ·769 ·749 ·722 ·717 ·708	793 769 743 729 717	·811 ·776 ·757 ·748 ·725 ·724	-894 -802 -789 -768 -753	·853 ·814 ·803 ·784 ·759 ·763	-869 -814 -827 -804 -772 -779	-868 -816 -832 -806 -779 -773	-875 -812 -817 -793 -767 -749	-811 -801 -804 -766 -750 -732	-812 -775 -775 -747 -727 -700	·781 ·749 ·746 ·723 ·711 ·674	758 721 725 764 686 654	711 701 715 -692 -663 -632	77777
26 27 28 29 30 31	-602 -570 -579	·625 ·620 ·589 ·595 ·611	·507 ·605	-68 t -671 -636 -637 -647		726 721 695	736 728 705 083	746 723 701 668 697	·734 ·705 ·686 ·652 ·691	·074		645	-690 -695 -647 -651 -658		·727 ·709 ·657 ·676 ·691	733 726 706 600 700	·739 ·731 ·715 ·705 ·712	·740 ·735 ·716 ·710 ·711	·733 ·710 ·698 ·713 ·705			·664 ·628 ·637 ·647 ·640	·641 ·590 ·617 ·630 ·631	·612 ·577 ·590 ·611 ·622	.6 .6
Means.	-623	638	-650	-680	.703	·715	·721	-718	•704	.089	-679	-074	·677	·691	-711	.726	.736	733	-723	.707	-686	.661	-6 43	-626	0.6
1 2 3 4 5 6 7 8 9 10	-645 -667 -669 -073 -717 -733 -721 -708	0626 -651 -081 -684 -695 -711 -738 -735 -713 -690	670 -698 -699 -715 -748 -754 -754	721 721 737 737 762 780 752 713	720 740 754 760 804 790 791 783 714	-794 -817 -801 -758	741 -753 -759 -794 -828 -803 -807 -800 -701	777 777 759 781 518 792 803 778 714	731 -767 730 769 783 790 -769 769 769	718 745 739 757 790 706 773 761 716	709 727 732 718 777 752 759 703 712	713 723 734 755 790 754 765 765 778	723 724 741 767 809 761 777 778	731 752 702 777 709 777 782 814	751 760 790 798 811 799 798 824 813	0745 -760 -790 -806 -829 -838 -814 -814 -814	0:16 -772 :806 :822 :830 :848 :836 -839 :809	773 -805 -823 -848 -850 -834 -830 -703 -785	0756 -758 -704 -807 -830 -843 -813 -784 -757	·759 ·805 ·825 ·804 ·800 ·771 ·736	729 743 760 770 800 777 768 759	713 710 734 747 770 743 735 735 705	0-067 -087 -085 -706 -710 -714 -721 -718 -712 -688	666 667 680 711 727 717 705 691 639	0-65 77 77 77 77 77 77
AUGUST 1851.	652 677 686 	663 673 693 693 700 676 683 696 668	-086 -790 -725 -710 -705 -712 -714 -722	716 731 738 738 738 739 735 728 761 708	738 739 757 757 757 751 707 771	746 766 757 763 782 803 762 772 782 761	742 777 767 788 -793 -801	741 766 760 783 789 762 762 763 738	732 763 747 776 776 770 718 746 755 726	722 750 738 748 747 747 705 728 742	716 741 733 755 736 727 696	705 736 729 750 728 717	737 730 751 725 713 705 717 710	714 748 741 759 739 726 713 725 716	740 753 759 768 734 736 736 744 736	753 771 780 784 768 757	760 783 784 792 776 769 766 771 780	756 779 782 790 777 763	752 717 762 783 710 758 748	710 763 750 769 766 751	721 738 726 742 743 738 716 724 718	710 707 712 717 707 707 695 701	-658 -700 -687 -677 -672 -656 -677	654 676 679 681 695 668 668 676 655	71 73 75 74 73 73 73
24 25 26 27 28 29 30 31	-673 -669 -636 -054 -615	679 689 673 660 621	702 710 686	717 734 ·702 ·692 ·642	1782 768 749 701	-568 -803 -752 -716 -684	-502 -810 -759 -727	757 781 734 706 683	756 776 746 690 676 701	716 -736 -761 -736 -679 -649	719 750 729 672 025	751 720 673 636	711	725 733 760 728 097 669	776 754 711 677	704	·806 ·804 ·770 ·750 ·722	765 -803 -798 -779 -749 -726 -798	782 769 738 723	776 756 712 722 720	731 720 709 694 695	699 681 676 666	-699 -683 -668 -635 -646	687 678 662 651 633 641	75 75 75 69 66
						_	_														_		-		

<sup>#</sup> The numbers in these Columns are not observed, but interpolated for the rade of obtaining the daily means. | + 0.721 Correct. | + 0.782 Correct. | 9.005 Correct. |

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BAROMETRIC PRESSURE.

Barometer at 82"== 29 English Inches + the Number in the Table.

Gettingen Monn Time.	Noon	. 1	2	6	4	6	6	7	6	9	10	11	12	18	14	15	16	17	18	19	20	21	23	23	Decle po
Madria Mean Time.	h m. 4. 41	h ss. 5. 41	h m.	1.5 1.5	b m. 8 sl	b m. 9.41	5 m. 10.41	à.a	h m h. si	h. m. 14. 41	h. m. 14, 41	h m. 15. 41	ь и. 10 di	h = 17. 61	h =	h m. 19.41	h. m. 20. 62	3. m. 31. 41	h. m. 11, 41	23 41	k. m. 6: 41	15	k. m. 2. 11	h.m 3' 47	Mean
-	lu.	Ju.	la.	lu.	in.	lu.	in.	lu.	ln.	lu.	lu.	In.	lu.	lu.	la.	la.	lu.	lu.	lu.	la.	lu.	lu.	Iu.	lu.	To.
1	0-685	0-663	0 657	0.719	0.748	0.771	0-170	0.763	0755	0744	0740	0.711	0750	0706	050	0.516	0.535	0.516	0%	0.715	0.770	0712	0717	0 701	0.75
3	-691	716	716	1734	-757	-780	789	733	760	-745	738	734	-744	-740	.776	-792	-802	-798	.778	-754	-227	.040	*717	-691	-770
4	*668	.683	-703	.737	.750	.767	.780	1761	.754	-737	.716	.726	.741	.735	.777	*805	610	.803	-793	.176	-749	.727	-701	-697	.74
5,	707	734	.753	-776	1802	-815	-810	507	1800	788	-751	.781	1793	-81/8	-828	-619	863	868	*857	.831	201	767	746	-738	.79
7	_	_	_	-	_	_	_	-	-	.7++	.709	.706	-713	-727	748	769	.774	.773	-731	-729	-693	657	-632	-615	-74
8	818	635	664	689	.709	723	744	-721	-699	-683	678	678	-695	.707	-725	750	761	769	.758	.745	687	.646	.621	-610	-691
10	-398	610	644	-610	-651	-650	686	879	-665	-857	.684	657	-671	·677	-703	7.10	734	1742	-743	210	-640	-614	-599	-281	667
-: 11	-6 17	650	.676	694	-723	.741	742	.736	-721	-706	:697	.708	.736	.738	.756	.776	.793	-803	-787	.766	.759	1708	-642	·69n	-79
£ 1:	.89 3	714	754	.751	779	782	.779	774	.763	-763	766	.413	-791	-803	-833	847	-858	-858	.820	811	.789	.764	.730	.732	.78
≃ 14	740	730	.160	302	.801	.810	.010	.120	.513	-808	807	.795	-793	-818	-845	-863	-876	-830	-867	-812	-811	-778	-759	.710	-80
242 14	753		-791	-8117	.853	-619	-851	.743	834	-318	.898	*809	-823	.636	-846	.660	.861	.861	-850	.622	1063	-279	-715	1744	-61
EPTEMB 12 12 12 13 14	745	761	-798	-826	.856	.863	975	873	668	-834	-545	1828	823	833	840	.862	875	-878	-848	619	.812	.787	.767	747	.63
E 17	743	773	-804	-699	-866	-871	1667	1851	-819	698	-890	-818	916	·833	-881	-901	-904	9117	696	-847	922	789	776	751	·83
	.770	795	818	.838	.863	.378	-859	851	-853	1808	759	.787	-798	812	.833	671	893	894	-679	655	-831	-309	.792	788	-83
20	788	603	831	.828	870	-885	874	-263	-541					817		***	-	-		=	_	-	-	-	-
	757	804	.691	-841	-819	.870	-864	-819	814	-8110	.201	-790	-801	-809	815	-893	-800	4851	-681	-600	1223	.800	785	783	-64
23	727	743	765	784	-806	623	819	.799	-276	.759	.716	.745	1254	.764	.787	128	1834	633	-808	.798	-766	·538	.713	-700	122
	708	730	759	789	817	-826	810	-816	798	774	755	752	.760	777	-614	.818	.851	847	-834	804	1775	.754	738	.731	.78
2.5	744	796	817	532	-825	-677	-860	-844	835	-801	-784	-277	781	·820	620	-845	-857	.855	635	-810	-271	-253	799	786	·82
27	719	730	753	780	-504	810	.802	787	774	20.0	***	_	Books	-		-	_	_	-	_	_	-	_	-	-
28	-	-1						***		757	745	.34	734	754	760	781	784	783	-765	.756	709	.489	.680	.866	
20	678	697	708	740	705	-775	769	213	789	-791	101	-709	706	750	1763	785	280	1789	793	7775	215	717	.601	076	·75
1									-																
denns.	710	728	-749	.773	.195	-809	.809	.799	.783	-767	757	-754	.761	.778	'602	.823	.834	-834	-820	.793	-785	.136	716	.705	0.77
1	0 662	0.651	0 605	0.723	0.743	0.733	0.755	0.754	6737	0714	0.693	0.715	0.712	0.751	0.742	0.711	0.761	0.765	0,747	0 721	0-055	0-663	0.619	0 652	9.72
2 3	667	694	724	758	771	777	786	751	765	757	704	737	.220	·736	751	767	752	798	1777	*750	727	-696	.079	·677	
4	688	702	727	748	-779	-754	783	767	-746	_	-	_	-	-	_	_	-		Witness		_	_	_	.012	.13
5	-	-	_	-	-	_	_	_	-	.725	.411	.410	.719	746	.778	.785	.708	-805	1793	.776	-234	724	1684	-656	-74
6	669	469	722	771	796	-821	.503	-795	704	7775	.754	755	756	·760	.797	-826	1844	-616	1826	795	758	732	.703	696	.22
8 -	709	746	758	-791	-520	-825	-822	-812	106	.777	.766	.763	769	.775	-620	-841	.850	.845	-827	-794	-784	-736	1710	.707	·77
9	717	740	755	790	.818	.820	.814	.804	.754	.750	.784	.781	287	.802	.837	*556	873	1877	857	.829	803	1793	.769	.767	-80
10	·771	783	797	.813	842	-860 +640	1862	1864	.851	.835	-826	.834	.822	-864	.892	.911	.913	.831	917	-624	872	.845	-829	-824	-85
. 19	210	000	000		-		-	-	-	-828	.779	.764	.758	-776	.809	-319	.823	.833	.816	.790	.759	-724	1703	-698	-81
	.692	717	739	762	.779	.776	.770	.756	7.39	723	.212	712	718	.745	.764	.784	.795	.707	.221	744	.720	899	-651	-670	.74
	693	700	727	744	7777	783	-789	750	-762	·754	754	-758	1772	·758	-811	.210	1855	*859	639	-512	788	.767	749	.731	-77
□ 16	847	:565	899	.909	923	.925	.923	.914	-893	.934	*852	1853	1894	+899	.918	.938	.930	-944	-929	.599	.570	-845	-830	-814	-69
S 17										.826	.821	.824	.663	.656	.963	915	.932	-931	.802	.871	.848	817	.803	797	.87
5 19	.802	.833	-8.33	-865	-594	.854	.594	.853	.562	49.10	10.10	1500	.020	-849	.000							778		-	-
	.777	802	820	-8+1	-860	-864	-856	-843	618	.794	.778	.777	1755	-793	.818	.839	.851	-858	*840	-811	.779	.752	.742	7.33	-81
2.1	-738	.764	-791	-806	831	.831	·632	-819	.801	·79 L	758	1794	-309	-514	.842	873	1912	-914	18.50	-845	-\$418	.262	.753	175.0	-81
25	768	750	810	1841	1856	-561	1859	847	-835	·825	-622	-819	-526	·855	-868	-893	914	-906	875	1549	·815	1788	756	271	'53
24	.775	794	811	.840	.850	.861	-865	.857	-940	-834	.885	842	938	-877	-593	911	-926	-927	.909	854	-857	-827	.809	-810	·83
25	822	886	855	875	.892	.908	.907	904	.899	_	_	_	-		-	_	_	-	_	_	_		_		
2.5	-017	-	-99	_	100	-	i.e.	1015	-999	-908	-924	1970	933	-963 -599	1477	1003	1-018	1.023	1010	993	970	955	938	940	.93
25	-913	509	986	£4014	1003	-008	0.919	0.097	0.926	962	955	.948	916	965	0.657	.006	-019	-013	0-100	0.003	-949	-027	923	913	99
29	917	935	952	974	0 197	0.950	969	949	933	-921	910	920	.523	949	.967	0.959	-004	.012	956	968	936	-911	-598	-892	
30	904	921	915	967	1990	983	970	957	.916	926	-914	-908	-912	·938 ·912	956	977	0-990	0994	979	963	940	-915	.903	903	.91
		420	-240	-542				428	040	010	Shh	0.03	458	012	4.50	633	0.00	104			.099	.091	-041		.98
Menns.																									

# The numbers in these Columns are not observed, but saterpolated for the sake of alterning the daily means.

BAROMETRIC PRESSURE.

Barometer at 32° == 29 English Inches + the number in the Table.

ostingen can Time.		0011.	1	2	3	4	5	6	7	s	9	10	11	12	13	14	15		17	18	19	20	21	22	23	Daily a:
Madesa can Time.	. h	. m.	6, m. 6, st	b пь 6, 41	tı. m. 7. 41	b. m. 8 41	h. m. 9, 41	h m 12.41	h 10.	h na. 12, 41	h. m 13. 41	h. m. 14, 41	h. ro. 15. 41	h. m. 16. sl	b. m. 17. 41	h. т. 16. 41	h. m. 19. 41	h. m. 20, 41	h.m. 21 41	22, 41	h. m. 23, 41	h. m. 0. 41	h. m. 1. 41	h. m- 2, 41	h. m 8, 41	Means
7,0200	Ī	lu.	lu.	la.	lu.	In.	lu.	In.	ln.	In.	In.	In.	In.	In.	ln.	lu.	Iu.	Iu.	Įu.	In.	lu.	lu,	lu.	Ín.	In.	In.
	1 0	859	0 973	0 899	0 918	0.925	0.051	0.916	0 898	0.881	0.513	0.813	0.800	0 799	0:807	0.637	0.57	0.907	0.505	- 0-845		0.796	0.021	0.75	_	0:34
										.743	.721	.703	.698	.707	722	.734	.745	.760	.762	.758	.728	.707	.693	*689	682	.74
														·708												74
	6 .	740 712	F2119	-718	-726	-735	-744	719	-688	663	.660	-662	.654	657	684	699	.713	-726	-735	.716	689	671	.660	650	656	69
	7: -	673	689	.714	.741	.764	.758	.774	.736	.737	.725	-717	.714	.722	.737	.758	.771	.790	.787	.767	.743	.721	.699	.693	.702	.73
	8	707	.720	.750	.767	790	793	.792	787	774	·S05	·S41	1835	-849	369	.884	-911	.921	927	915	.896	873	-845	·S37	-834	-83
1	ij. ·	848	852	.866	·897	.909	.912	.914	.912	-888	.873	.863	.861	.870	.883	.998	.921	.949	947	.932	.914	.895	.875	*862	.858	.89
= 1	1 .	363	1868	1888	1914	928	-928	925	.906	.889	872	*860	*855	*862 *862	872	-891	.913	932	.936	1925	907	.882	854	1842	*845	·89
														-876												-89
# 1												797	.788	793	.801	-819	.838	.816	.840	829	.793	.760	.740	.735	.726	.82
EMBER		732	743	.143	787	.779	.778	·768	750	-729	.794	.794	.717	-721	.710	-763	.789	-819	-591	-794	.764	.741	.719	.707	1210	-75
	7 .	724	-747	.769	.794	·S19	-823	1826	.809	.801	.790	.784	.785	.798	.823	.855	.879	.894	.898	-884	.851	.825	.811	.799	.786	.81
5 1	81 .	798	.822	.856	.877	904	.918	.910	.828	.887	.868	.824	855	.865	.890	-907	.926	.969	.967	.975	1910	.893	.872	'862	.839	'83
/ I	9.	857	·565	910	-928	.823	967	-960	911	.595	920	918	914	·892	939	959	986	1.003	1.015	1995	967	914	913	898	873	·91
2	11.	894	.005	.933	.952	.980	•980	.974	.902	.941	-927	.918	.917	927	.935	.963	.980	0 998	0 905	.978	.956	923	1892	.880	-872	.94
		880	·891	.913	-939	957	.963	.952	.935	.023	-608	.879		·s94	-004	-991	.0.10	-000	-966	.050		.000	.020	.020	.691	-91
2	3	S44	854	·877	982	920	-925	-919		.890				7 -878												.90
2	25	876	+893	.913	.933	953	.967	.061	.949	.930	.920	.914	.91	922	.931	.952	.968	975	.979	.967	.949	.924	912	•908	.902	.93
														952												95
2	27	908	926	951	.963	976	-979	.968	.960	.951	-931	.916	91	4 .924	931	-954	-984	1.001	1.000	.987	966	940	.918	1900	-890	-94
9	29	905	.901	-905	955	978	981	.976	1960	.932	_	-		-		_	****	_	_	_	-			_	-	-
	30	_	_	_	_		_	_						8 -906											1894	.93
Means.	. 1	-832	.833	.825	87	8 -89-	-896	3 -387	-87	.850	.31	1 .83	7 -83	5 .81	9 .85	.87	5 -89	6 -915	.91	5 -905	2 -875	-849	-826	-813	-813	0-86
	1	0.898	0-909	0.000	0-96	0 978	0-980	0-970	0-95	0-930	0.920	0 99	4 0790	1 0 91	0 92	0 94	0 97	9 0.99	0.90	8 0-98	5 0-953	0 917	0-893	0.685	0 880	0.93
														8 -930												
	4													7 .94												
	5											196	96	4 .975	991	1.013	.01:	064	.06	8 -06-	1010	1:017	1989	.974	.972	1.00
	6	.980	1 009	1 68	.06	1 .085	.08	.069	-062	101	1.00	-96	3.06	1 .97	-980		- 1030	1 1039	.040	.031			-945	-990	-400	-00
	8	.938	0.040	0.96	5 0-9%	7 .008	.005	0.993	0.961					3 .940												0.96
	9	.929	.945	967	198	3 .008	015	1.004	1994	978	.959	194:	3 .94	5 *95	975	1.00	.03	8 .062	.07-	1 '069	2 1 018	1-022	1999	1988	.993	
	10	1 000	1-020	1.03	1.00	6 .065	1 1072	5 -063 5 -059	1.05	1.63	1-011	1 '99:	3 .99	5 1-009 1 '019	1.020	.061	.09:	0.118	012	0 10	7 .086	1052	1-030	1.007	1.004	1.04
12 1	12	1004	.020	.038	90.	1 .077	1.071	1 .066	.036	.046	.028	.01	01	2 .02	.035	.056	.07	0.077	.07	068	.036	.014	0.999	.980	.974	.03
	13	0 292	.005	.023	. 04	1 .075	.073	075	.06	.035	-	_	_	_			_	-	-	_	-	****		-	_	.00
	14	.000	0.033	0.00	2 0-95	5 .000	.019	2 -003	.004	0.07	959	9.94	7 0 91	4 095 5 947	3 0 070 7 •965	985	1 .004	0.022	1.02	7 -01/	300° 6	955	936	-918	-916	0.97
2	18	.930	.948	.97	.99	8 .013	02	013	.001	987	964	.94	1 .94	5 .957	978	.994	.024	1039	04	1 -030	1-003	974	.945	-933	.926	-98
	17	942	.961	98	1 00	9 '025	.03	031	102	1.000	990	97	7 .97	2 ·979 0 ·957	986	1.000	.03	054	05:	041	1 .011	979	954	1933	929	·99
20	19	934	.939	.98	.00	\$ .023	022	7 -022	.015	-991	981			2 -97												.99
2	21	962	977	-99	01:	8 .038	.020	.038	.023	1.01	-	-	<b>P</b> article	-	-	_		-		_	-	_	-	_	_	_
	21	-96*	1075	-90	-00	7 .00	-025	1 -029	-01					5 ·997 0 100												1.01
	28	.986	1 60	1.03	6 '05'	7 .073	08:	? •0s€	.07-	.06:	1-047	7 1 03	5 1:00	+ .044	.050	.066	.091	9 -111	.11:	: 107	7 .088	.055	.022	.997	.989	0.92
9	24	997	.005	.020	04:	5 .065	055	9 .023	.04:	0.23	014	.00	7 .00	7 .018	021	.047	.08	3 -106	111	1 -101	1.073	.016	.009	.991	.983	.91
														3 .025												95
								3 .001			-	-	_	-		-		-	_	-	-	_	*****	-	-	-
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# The numbers in these Columns are not observed, but interpolated for the rake of obtaining the daily means. \$ 0.010 Correct. \$ 0.700 Correct.

Gertingen Bran Troc.	Noon	. 1	8	3	4	5	6	7	8	9	10	11	19	13	11	15	10	17	13	19	20	91	8.8	23	Dair e
Maires Mena Lone.	h. m. 4. 41	h m. 6. 41	h. m. 6. 41	h. m. 7. 41	h. m. 8. st	h m. 7 H	h. m. 10 sl	h. m 11 et	10 41	h m 13-41	h m	h. m. 12 41	h. m. 16. 61	h 11 17 41	h. m. 15. sil	h. m. 19. 41	k m for 41	h m. 11. 44	h m. 22. 41	h. m. 21. 61	h m n. 41	h m L si	h m. 2.41	3. ct	Mouth!
ONETER.	79-4 80-0 80-0 7-79-0 50-0 7-79-0 80-0 7-79-0 80-0 80-0 80-0 80-0 80-0 80-0 80-0 8	77 0 78 1 78 0 78 0 78 0 78 0 78 0 78 0 78 0 78 0	75 5 75 0 76 8 76 4 77 0 77 0 77 5 78 6 78 6	747 704 704 704 704 704 704 704 704 704	79.5 75.7 75.7 75.5 76.5 76.6 76.8	71:0 71:0 74:4 75:5 76:5 76:5 76:5 76:5 77:5 77:5	70-3 71-1 73-3 74-9 75-0 75-0 75-0 75-0 75-0 75-0 75-0 75-0	72 5 72 5 72 5 74 5 73 5 73 5 73 5 73 5	71.8 73.6 72.6 72.6 73.3 74.5 73.6 75.0 76.5	71:5 71:0 71:0 71:0 71:0 71:0 71:0 71:0 71:0	70 7 70 7 71 1 70 2 73 0 71 2 70 3 71 1 73 5 73 0 74 5	70-1 70-1 70-7 70-4 73-0 70-8 69-9 70-3 73-0 73-0 73-0 73-0 73-0	70 4 69 5 70 4 68 6 72 0 70 1 69 5 72 5 72 5 72 5 73 70	70-0 68-5 71-0 70-0 70-0 70-0 70-0 72-2 71-8 72-3	65-5 65-3 09-5 68-5 70-9 70-0 69-0 72-1 72-1 72-1	707 701 701 721 717 706 739 743	719 719 719 719 750 750 750 743 705 777	763 783 775 784 780 780 780 780 803 814	75-8 79-7 60-5 79-7 80-6 79-9 79-5 80-5 81-7 82-4 83-1	79.4 50.5 81.9 81.0 82.1 81.4 61.4 82.2 82.5 83.0 83.2	81:5 81:5 81:5 81:5 81:5 81:5 81:5 81:5	\$1.0 \$1.5 \$1.5 \$1.7 \$2.7 \$2.7 \$2.6 \$1.2 \$1.2 \$1.2 \$1.2	81-7 81-3 81-7 81-3 83-2 83-1 83-2 53-5 83-5 83-5 83-5 83-5 83-6	\$10 \$05 \$17 \$12 \$16 \$25 \$35 \$35	73 73 73 73 73 76 76 77 77 77 77
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<sup>#</sup> The numbers in these Columns are not observed, but interpolated for the sake of obtaining the daily means.

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<sup>\*</sup> The numbers in these Culumns are not observed, but interpolated for the sake of obtaining the dolly means.

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1	93.0	93 4	88 7	87.2	86.2	85.7	85.2	85·1	85·1	81.4	83.6	83.3	83.0	82.5	84.3	86.3	89.6	91.4	93.7	94.8	94-5	94.7	95.4	93.8	83·3
	93.4	93.0	89.0	88 0	86.8	86.3	85.9	85.5	85.8	85.2	85.0	84.2	83.5	83.4	85.5	89.3	91.5	929	93.8	95.5	97.0	95.5	91.5	93.0	89-6
	83	83.5	83.7	79.5	88 6	81.1	81.2	80·7	80.3	80.2	80.0	79.5	79.0	79 2	80.0	81.0	83.0	86-1	87.5	89-3	91.9	92.4	9 2.2	93.9	841
	-	_	_	_	-		_	_	-	79.3		79-1		79-0			81-4	82.4	85.0	87.8	89.5	88 0	88.5	89 8	82
		88-0	81.5	84-9	81.6	81.5	81.3	83.3	80.8	82.5	80.3	79·8 81·5	79·6 81·1	31:0	82-0	82-6	87.5	88.8	89.8	92.0	91.2	94.0	90.5	89 9	85
	90-	88 (	86-6	83.9	85.4	84.5	8 + 3	83.6	83.0	82.3	81.6	81.3	81.0	80.7	80.7	81.9	85.0	87-1	88.2	91.4	90.0	91.4	89.3	88.0	85
11	33-	87-1	86 3	85 2 85 1	84.5	83.8	83·1 80·0	77-1	78:5	78-8	81·5	79.0	79.0	80·0	82·5	85.7	88.0	85.4	91-4	93.0	94.0	94.9	91.8	90-6	86
1	87	87	85.0	818	80-1	79-6	79.0	78.5	77.8	_	-	-	_	_	-		_	-		_	_	-	-	_ '	_
1851.		88.	85:0	82.5	81.6	81.4	81.9	81:3	81:0	79-1	79.0	78 9	80.0	78 7	78 7 80-1	79.9	816	85.0	95.7	87.5	89.3	90 5	93.3	92.5	83
	88	88	83.9	81.6	81.3	80-9	80-4	80.3	79 6	79-6	79.5	79.2	79 0	79.0	79 6	81.5	85.0	87.0	88.2	89.2	90 0	90.8	90.5	90.3	83
NOLY.	39-	88-	86.4	83-5	85.1	34.7	83-8	83.5	82-5	85-1	81.7	81.1	80.5	80.4	80.4	81.7	83 6	85.9	87.4	89 3	91.3	92.5	92.5	91.8	85-
5 i				80.7													84.6								
1		88.	86.8	86 0	85.2	84.6	84.0	83-1	82.8	77.9	79:0	79.9	-	79.0	70.0	90.0	81.0	93.7	01.0	91.0	02	96.9	04.0	-	-
2	86:	851	83.5	82.6	82-2	81.7	81.6	81.3	80 9	80.7	80.5	80.2	80.0	79.6	89-4	83.9	86.5	88 6	89.8	91.8	93-0	93.5	92.3	92.3	83
2:	92	91.1	87.5	85.4	84-6	83.5	83-9	83-0	82.5	81-0	795	78-9	78.3	78.4	78.9	79.8	81 6	84.3	86.3	88.7	89.7	89 8	89.6	89.6	84.
23			85.	84.7	84-6	83.4	82.3	81.0	80.4	80-2	80.0	79.9	79.5	79 6	81.0	84.3	86.2	88.4	90.4	31.0	93.0	92 5	96.3	98.6	85
2	95.	88-1	86.5	85.3	84-6	84:	84.2	83.8	82.2	81.7	31.3	81-1	81-1	80·8	81.6	84.6	87.7	89.5	91.0	92.5	93 6	94.1	94.5	96.0	86-
20		90:	87.4	86 4	85.7	89 1	81.8	81.4	80.0		32.0	81.5	81.0	81.0	82 0	84.9	83.0	89.8	91.5	92:3	93.6	93:5	96-0	95-5	87
91	95.	92.	89-7	88-7	82.7	83-0	83.0	85-6	82.6	82.5	83 4	82.2	82.0	816	81.5	83.3	85.5	88-4	91.6	92.5	93-4	95 6	96.5	95.8	87
				86-6																					
3	90-	88 6	86-9	85.8	84.8	81-6	81.8	81-9	81.6	81.6	81.5	81.0	80.5	811 5	80.5	81 5	84.5	86-5	88.3	89-9	90 8	92 1	92-5	92.6	85
Means.	99	88-3	82.8	8 1-7	83.6	83-0	83.4	31.9	81.6	81-5	31.0	80 6	30.4	80-2	80 9	82.8	85.3	87-3	89.0	90.6	91.7	92-1	92.4	91.9	85
1				87-4						83-6	82.6	82.0	815	81.2	81.3	82-0	83.7	86-7	88-2	89-6	90.6	98-9	94.0	94-0	86
		92.4	90-1	88.0	87.0	85-9	84.8	83 2	83.5	00.9	-	99.1	-	91.7	91.0	-	83 5	90.7	00.0	0.2.0	04.7	95.7		05.0	-
		91.7	89-0	87-4	86 2	83-7	83-0	82-8	82.5																87-
	92.0	89.	87-4	86-1	85.5	811	82 9	32.3	81.8	81.7	81.5	81.3	81.0	81.2	82.5	85.5	83.3	90-4	92.3	93.7	95 2	96-0	97.3	96.3	87.5
	95.6	99.5	83.0	83-6	83:7	85.4	83.8	82.5	84.0	82-8	81.5	80.7	83.0	78:5	78.6	79.0	88.7	82.0	88.5	84.8	87.0	89.0	97'1	95.0	88-1
8	91.5	90-8	87.9	818	810	83.6	83.1	82.6	82.0																86
10		91.5	87 9	85-9	82.5	82.9	81.8	82 0	81-9	80.6	89.5	80.4	80.4	79.8	80.8	83.8	86.0	83.1	89 8	90.7	92.5	94:0	93.8	925	86:0
. 1	92.5	91.9	83 0	86.7	86.1	85-7	83.2	81.5	83-6	82.1	80.5	18.5	76.5	74.6	76.0	76.2	77 7	80.4	83.8	86-5	88-3	89.7	91.0	91.3	84
15 li	91.5	91-0	876	86.2	80.0	81.4	83 9	83.4	82.8	83.5	81.6	81.7	798	77:0	76.3	76 8	773	81.8	85.6	87.0	88.9	90.0	30.6	91)-7	84:
				81.2																					84
	93.8	99.5	87.5	86 5	85.0	84.5	839	833	83.0																86-
Argu		88 7	87.6	862	82.2	81.9	82.0	81.1	81.0	83.0	81.5	80.0	78-6	78 5	79.9	83 5	85 4	87.0	89-8	91.0	91.5	91.2	89.5	89:1	85:
18	87-8			8 1.0						79-1	78.5	78.3	78-1	78.0	795	88.0	85.0	87-4	88.2	90.0	91.1	93-1	94.0	88.6	84-1
				82.0										78 4	78-9	80.8	83.8	85.3	86 1	89-2	91-0	88-6	90.5	89.8	82-4
	85-1	81.8	83.9	82.2	80.2	79.8	79 5	79.2	78.9	78.9	788	78.7	78.8	78.5	78.9	80.6	83.7	86.0	88 2	88.7	89.5	89-7	88-0		82-1
25				81.0					79 6		79.0	78 9	78.9	78-6	79.0	80 9	88.3	86 4	87.8	89 5	90 5	91.3	90.9	90.2	83-
2.	-	_	_	_	_	-	-	_	_	80.5							84.3								84
9:	87-8	85-6	84-5	83.8	77.5	78-9	78-5	78-6	78.5	78.5	78.5	78:4	78 4	78-1	78.6	82.4	85.2	87.4	88-5	91-1	91-5	92.0	92.2	91.8	88
	90.8			80·7													83-5						92.6		85-
28	90.5	88-8	83.7	81.7	81.3	84.1	81.0	83-7	830	83.8	83.5	82-0	81 5	81-1	81.0	81.9	88.5	85.0	87-3	88.0	89.7	89.7	90.0	89.6	85.
29				82 8							80.2	80 4	80.4	80.0	79-9	81-1	83.8	85.8	88.0	89.0	90.0	90-7	91.8	86-0	84 5
\$1		0).1	03.3	02 8	- 02.1	02'0	- 01.1	01.0	19.9		81.3	80 6	80.0	79.5	80.7	88 5	85.4	86.7	89-1	90.5	91.7	93.3	95.7	95-4	84
							32 5		-																

\*The numbers in these Columns are not observed, but interpolated for the sake of obtaining the daily menua.

TODY	THERMOMETER	(CTINDIDD)

can Tu	6 56.	Noon	1	2	3	4	5	8	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	53	53	Duily an Monthly
Madras ean Tim	ie.	5. H. 4. 41	h. m. 6. 41	h. m. 6. 41	h. m. 7. 61	b. m. 8.41	h. m. 9.41	h. m. 10.41	h m. 11.41	h m. 12 41	h m 15 +1	h. m. 14. 41	h. m. 15. 41	h. m. 16. 41	h. m. 17. 41	h.m. 16.41	h. m. 19. 41	h.m. 20.41	b. m. 21, 41	h. m. ≌2.41	h. m. 23, 41	h m. 0.41	h. m. 1, 41	h. m. 2. 41	h. m. 8. 41	Monthly
	1 2 3 4 5 8 7 8 9 19	92·6 89·8 92·6 94·1 94·1 94·5 91·4 90·1	92·5 89·6 90·1 87·2 90·3 93·6 92·1 92·0 88·5 38·0	89·7 87·0 67·0 86·2 87·6 90·6 89·6 89·1 86·9 86·2	86:4 85:5 86:4 89:1 85:0 86:2 86:0 66:5	85·8 84·4 83·5 86·4 85·3 85·3 85·0	85:0 84:4 85:3 83:6 85:0 86:7 85:0 85:3 81:8 84:8	85.4 84.0 84.7 83.5 84.5 55.7 83.9 84.6 84.6 84.6	85 9 83 7 83 9 83 3 83 5 84 7 84 3 84 3 84 2	53:5 83:4 83:0 83:0 84:3 82:5 84:2 84:2 84:0	81-0 82-9 83-4 82-5 81-8 83-9 81-7 83-6 83-6	81·5 82·3 83·4 82·0 81·5 83·4 80·9 83·0 83·0	81 3 81 6 82 8 82 2 81 2 82 9 80 4 82 2	81 9 82 3 82 4 81 0 82 6 81 0 82 5 80 0	81:0 80:3 81:8 82:1 80:3 81:5 79:5 81:1 81:5	81·4 81·9 82·0 81·3 81·5 80·3	81-6 81-5 81-5 82-5 81-3 83-0 82-8 83-0	86·5 86·7 86·7 86·1 85·5 85·5	88·5 88·7 87·6 87·7 87·3 87·3 88·6	89·8 90·2 99·3 89·0 89·5 89·4 89·1 89·5 91·5	92.3 91.2 92.6 90.1 91.5 91.4 90.5 91.5 93.0	93 9 92 8 93 9 92 0 92 8 92 0 93 2 94 2	93.5	92-6 92-6 94-5 95-0 94-5 93-5 93-8	92·5 94·5 90·7 94·5 91·9 94·5 94·5	86- 86- 86- 86- 86- 86- 86- 86- 87- 86- 87- 86-
SEPTEMBER 1851	13 14 15 16 17 18 19 20 21 22 23	89·6 99·3 99·6 89·2	86.0	85·8 86·2 86·1 86·6 86·6 84·8	85·6 85·2 84·1 85·6	84·1 85·2 82·1 84·2 81·3 83·3	83·9 81·6 83·1 83·9 83·0	83 7 82 5 81 6 82 0 83 3 82 7	83·5 81·0 81·1 81·8 52·6 32·9 83·8	83·3 79·1 80·8 81·7 52·3 81 8	78:8 80:9 81:9 83:4 82:3	82 0 78·5 81·0 80·3 81·5 82·5 81·6	81·5 78·2 80·8 79·9 30·9	80 7 79 5 80 3 87 8 81 0	80.6 77.6 80.0 79.5 79.6 79.8 80.1	81.5 79.2 80.5 80.4 80.5	83 6 82 2 52 9 82 3 83 7 83 2 82 7	85-0 86-5 83-5 85-5 86-1 86-2	89.3 87.8 88.8 85.7 88.2 89.0 89.9	92.5 90.1 91.9 85.9 57.5 91.0 91.8	94·9 91·9 93·3 87·5 87·4	65-6 93-6 94-0 89-8 87-9 93-0 95-5	64 0 91 4 88 8	92·5 95·0 99·5 99·4 89·3 91·5 84·8	92.9 92.2 92.4 99.6 90.0 91.2	85- 85- 85- 85- 85- 86- 86-
	24 25 26 27 28 29 30	90·5 89·4 83·1 85·2	87·5 86·6 80·8 83·8	85·8 85·3 79·8 83·0 84·9	85·0 84·8 79·5 82·3	84·3 83·6 79·4 81·9	84·1 83·9 78·0 51·3 81·0	83 8 82 8 78 6 81 9	83·0 88·0 78·5 80·2 80·9	89.9 81.6 79.0 80.0	89 4 81 8 79 0 80 3 78 7	81-9 81-0 79-0 80-0 73-0	81 8 80 8 78 8 79 7 77 9	81·7 80·6 78·9 79·4 77·9	81·5 60.5 78·0 79·0 77·5	80·9 80·5 79·3 80·1 78·3	82·6 77·1 82·5 83·9 80·6	76-8 86-0	88·2 77·5 87·3 88·5 85·7	89·6 73·6 88·1 90·4 88·0	91·7 79·9 87·4 91·8 90·0	84 6 82 0 88 5 92 7 91 1	87·7 83·5 87·9 93 9 91 9	90·6 90·6	89·6 84·8 85·1 89·6 92·8	85 82 82 84 54 86
Mea	uns.	90-5	88.3	86.2	85.5	84.6	84.0	83.8	83-0	82-4	85.0	81.8	<b>8</b> 1·1	80-6	80-2	80-9	83-1	85.5	87-8	89-3	90-9	91.7	92.4	92.5	91.8	85
	1 2 3 4 5 6 7 8 9	91-5 88-8 89-6 87-1 86-3 85-7 86-1 86-5	89-9 88-6 86-4 87-5 85-3 84-1 81-5 83-5 84-7 86-0	86.7 85.4 86.4 84.1 83.0 80.4 82.4 83.6	86·0 84·9 85·9 83·7 82·5 80·4	85 3 84 5 85 6 83 8 81 4 80 1 31 6 82 7	84 8 84 5 85 0 83 5 78 6 79 8	84 4 84 3 84 4 79 5 78 0 79 5 80 9 81 9	81 0 84 9 83 8 77 4 77 9 78 0 81 0 81 4	83·7 84·0 83·6 76·4 77·9 75·9 81·0 81·1	83·4 83·7 82·9 78·7 77·0 75·9 79·3	83·0 83·4 82·0 77·0 75·8 77·5	81·1 76·9 77·0 75·7 76·9 80·3	80·3 81·7 80·2 76·3 77·0 75·6 76·3 79·7	79·7 81·1 78·0 76·7 77·2 75·9 78·0 78·6	31 0 82 0 78 8 77 4	84 0 81 3 79 1 79 0 78 8 78 5 60 5 82 0	80.8 81.0 80.2 82.6 81.9	83·5 88·2 84·8 83·6 83·5 82·3 84·7	90·3 90·2 86·1 84·4 86·0 85·7	91 8 91 4 86 7 86 7 88 0 87 0 87 5 99 0	92·2 92·9 89·1 88·5 86·5 86·5 83·8 90·1	91·6 92·5 99·3 88·8 86·7 88·9	91·2 91·7 90·2 83·5 87·7 89·0	90·4 91·0 88·3 87·5 88·2 88·6 88·0 89·6	86 86 86 84 82 81 81 82 84
CTOBER 1851.	12 13 14 15 16 17 18	90.5	83.7	85 2 81 9	81.8	84·7 84·3 61·8	54 5 80 0 81 3	84.0 79.0 81.2 80.1	83-8 78-8 81-4	81·4 79·7	81.4 83.4 78.6 81.2	80·7 83·2 78·3 81·0	80·3 82·6 78·2 80·6 78·3	80·0 82·0 78·2 80·3 78·7	79·7 81·3 77·7 80·0 78·5	80·4 80·5 78·4 80·2 79·8	83·4 81·1 81·0 81·2	85·5 83·9 83·7 82·9 84·2	87·1 86·0 85·7 84·6 84·2	85 0 87 8 86 9 86 4 86 7	89 1 90 3 88 3 88 3	90·4 91·7 87·8 89·5	91·1 92·6 86·8 88·9 87·0	91·0 92·5 86·5	91 8 92·5 85·6 87·3 85·4	85 85 62 83 89
100	19 20 21 29 23 24 25	86·1 85·5 83·3 86·8	84 5 83 5 82 3	82·1 81·5 82·4	82.7 81.4 81.0 81.8	89-2 89-7	80-4	81.4 80.4 60.3 79.4	81·1 79·9 80·4	81·0 79·8 80·2 78·4	79·4 80·8 79·7 79·9	79·3 80·5 79·5 79·8 78·0	78-9 80-2 79-1 79-3 77-6	78·5 80·0 78·7 79·9	77.5 79.6 78.7 79.0 78.9	78·0 79·6 79·6	79.5 79.5 81.1 60.6 80.2	80-6 79-7 82-8 83-1 82-6	93·2 79·3 86·0 85·6 84·5	83.7	85·3 82·0 88·6 88·1 87·6	86·3 83·3	87·7 85·0 90·5 88·5 89·3	89 3 86 8 91 9	87-6 86-6 89-2 87-8	81 82 83 82 62
	26 27 28 29 30 31	84·8 84·6 83·5	83 0 81 8	82:3 81:7 81:7 80:6 80:8	81·0 79·7	81·0 80 8 79·1	89-2 78-3	77.4	77.5 79.5 77.0	76.5	79·0 76·3 78·8 75·8	78·5 76·0 78·3 75·2	78·4 75·7 77·0 74·6	78·3 75·5 75·7 74·0	77.5 75.2 75.3 73.5	77.6 75.3 75.6 73.8	78 5 78 7 78 0 76 4	79-9	61·5 81·2 82.6 82·8	83-6 85-0 84-7 84-5	85·3 86·2 85·5	85-9 87-0 85-8 85-7	86.5 87.5 85.8 85.9	87·1 86·5 85·5	86-3 86-0 84-5 85-2	81 80 81 79 80
Mean		86.7						~																		82

<sup>#</sup> The numbers in these Columns are not Observed, but interpolated for the sake of obtaining the daily means,

THERMOMETER	

Guttingen lean Time.	Noon.	. 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily one
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NOVEMBER 1851.	75.7 73.8 77.7 76.2 81.0 81.0 81.7 82.8 82.0 81.7 81.8 80.3 75.8 82.0 82.7 82.7	7·59 76·0 78·4 75·4 79·8 81·5 81·1 80·9 80·6 80·2 75·8	0 80·0 75·7 75·8 87·5 81·0 80·2 80·2 80·2 80·2 80·2 80·2 80·2 80	78·0 80·5 80·6 80·3 80·2 79·8 79·6 75·7 79·5	76.4 76.6 78.5 74.4 77.2 80.1 79.6 80.1 79.8 79.2 76.3 79.4 80.3	76.5 76.6 79.3 77.0 79.6 80.3 79.3 80.0 79.8 76.3 79.1 80.3 79.1	77.7 79.5 72.5 77.0 79.4 80.0 79.0 79.5 78.8 74.5 79.0 80.0 79.5 78.5 78.7	74.8 77.5 79.0 71.6 77.2 79.2 77.3 79.8 79.0 75.5 79.0 75.5 79.0 77.8	71-4 77-2 79-0 77-0 79-1 79-8 78-8 78-8 79-0 77-0 77-8	76·4 78·9 71·7 77·8 76·9 79·1 79·5 78·4 78·4 77·4 78·3 78·6 77·0	75.5 75.4 75.2 78.8 77.4 77.7 76.8 79.0 77.9 77.9 77.5 78.8 77.5 77.9 77.9	75-3 76-3 78-4 72-6 77-1 77-6 77-1 78-8 78-5 77-9 76-7 76-7 78-1 76-7	75.9 75.5 78.0 73.3 76.8 77.5 77.4 78.7 77.9 78.0 78.0 78.0 78.0 78.0 78.0 78.0	76-0 77-2 73-5 76-5 77-0 77-0 78-6 77-5 78-6 76-5 76-7 78-4 76-2	76·4 77·4 73·9 77·0 76·8 77·4 77·7 77·4 77·7 76·4 78·2 76·5	77.3 78.6 79.1 78.6 81.5 79.8 77.4 78.5 79.5 79.5	75.4 80.9 81.5 80.6 82.8 81.4 80.9 80.3 77.5 80.6 81.5 80.4	76·5 77·8 76·6 82·8 83·4 82·8 83·9 83·1 81·7 81·5 78·6 81·7 81·6	84·0 84·7 82·6 82·2 81·3 81·3 82·4 50·3	80·7 84·8 	\$4.0 \$2.7 76.3 \$2.7 \$4.8 \$1.7 \$3.0	78-5 78-3 79-2 82-8 86-3 84-8 84-7 83-6 82-0 77-3 83-0 84-6 82-0 84-2	77:3 78:3 78:7 83:1 86:5 84:5 83:3 84:0 81:3 77:3 83:9 82:5 84:0	78:3 78:3 82:7 85:3 83:0 82:6 83:0 80:7 76:8 83:0 83:7 81:5	77: 75: 76: 78: 75: 80: 80: 80: 80: 79: 80: 80: 79: 80: 80: 80: 79:
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• The numbers in these Colomas are not observed, but interpolated for the sake of obtaining the daily means.

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2 18 2 14	81-1	58:9	50-2	80.3	80:1	80-6	79 8	50-0	79-0	70-1	79:1	1 78-8 3 77 1	78:3	77 1	77 9 78 8	79·9	80-3	80 7	81-6	81-8	81.1	81-8	81-1	81-3	7
11	80-8 81-6	809	80-4	80.4	50.3	80-3	80.0	80-3	8:12	79-1	79:	5 79 8	79-1	78-4	73.8	79 7	80 3	80-1	81-2	\$ 81-1	81.1	80.6	80.8	81.3	8
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# The numbers to these Columns are not observed, but interpolated for the sake of obtaining the daily means.

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MAY 1851	18 16 17 18 10	78-7 30-4 31-3 32-8	81:5	81.5	80-0 75-0 79-6 51-3	81.8 80.3	81 8	81.3	81-3	80-3 80-0 50-7 81-3	79 5	79-6	79 5 79 5	75-8 77-8 79-8 79-3	76 3 77 8 79 3 79 3	77.5 733 80.5 80.3	79-3 50 8	81 S 81 S	50-5 50-5 59-3 59-9	839 X		827 827 828 838	53·3 53·3 53·3 83·3	82 9 82 8 83 1 83 7	819. 881 885	80 81 81
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Mean	ш.	79-8	79-3	79-0	78-7	79-7	80-8	80-3	80-0	79-7	79-0	78-3	77-9	77-4	77:5	73-1	78-8	78-6	78-7	79-1	793	79-5	79-6	80-1	80-1	79.
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851.	7 8 9 10 11 12 13	77-1 76-8 78-3 79-8	78 1 76 1 78 2 81 8 77 9	79-6 80-8 76-8 75-8 81-8 77-3	79:8 76:8 75:8 83:0 80:0	76-3 76-3 89-3	73-3 75-5 75-6 81-8 79-8		77 8 74 8 74 1 78 8 80 5 80 5	74.9	742	74-1	74-3 73-0 75-3	75-7	73·1 73·1	74-4 78-9 76-3 74-1	75-3 74-5 76-5 75-5	76-1 76-3 76-6 78-1	76-6 76-6 76-6 77-8 73-7 78-9	773 773 773 777 763 763	78-8 77-8 77-1 73-1 77-3	77-1 76-6 78-5 78-3 78-1 77-7	77-3 78-3	77-8 76-8 78-5 78-5 78-5 78-5	77-3 78-3 78-5 78-5 78-1 79-6	78-1 78-1 78-1 76-1 78-2 78-2
JUNE 1851	16 16 17 18	79-3 80-5	50-6 81-3	763 81-3 81-3 80-3	78:8	80-9 80-3 80-7	80-5 74-5	13-7 13-0 80-7	78:3 74:3 79:6 80:8	75-8 75-1 77-2 80-6	76-1 75-5	763	76-5 78-3 75-9 75-3	76-7 75-3 78-3 74-5	78·1 75·5 75·8 74·3	77·1 78·3 76·1	73°1 77°0 77°3	77 9 75 8 76 4	78-7 79-3 76-3	78:5 79:8 77:8 77:8 76:3	829 809 776 773	_	_	805 819 783 793 509	80°5 81°5 77°6 78°9 81°3	25-1 25-1 27-1 27-1 77-1
	20 21 22 23 24	80-8 79-3 79-3	80-3 79-1 79-3 50-1		80°3 79°6	80-8 79-8 80-0	81-9	50-2 78-5	79 5	79·1 76·8 79·3 79·8	78-2 76-6 78-9 70-8	77-3	77-3 78-4 77-9	77.3 76.3 77.5 78.3	77-1 76-6 77-3	77-5 77-5 77-6	76-3 77-3 78-7	76-9 78-8 79-8	75-1 70-5 80-1	78-3	73-3	77 4 75 9 80 8 77 9	77:3 79:1 80:3	77-3	773 503 813 80-8	75 1 78 1 78 1 70 1
	95 96 97 93 99	50-8 80-3 82-8 51-9	\$0.8 \$0.6 \$1.3 \$1.8	80 S 81 G 81 G	81.6 81.6 80.8	81°3 82°3 80°8	80-6 31-1 81-4 80-5	50-7 80-3 50-6 80-5	80-4 80-3 80-3	79-5 79-7 79-8 80-8	79.5 79.5 79.5	79-2 79-2 79-1	78-3 78-7 78-3	75-4 75-3 73-3	77-8 76-3 77-8 78-6	78-3 79-3 77-3 79-8	75 9 79 1 78 3	783 783 783	78-5 79-3 77-7	78·1 77·6 78·3 81·0	79-3 78-8 78-5	79-6 78-3 79-1 81-8	70-5 79-4 78-8 89-1	51:3 78:3 31:3	81.3 81.8 80.6	701 791 791
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<sup>#</sup> The numbers in these Columns are not observed, but interpolated for the sake of obtaining the alib merco. + 81-5 Quitted in the hourly and daily means on account of doubtful.

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10 11 12 13 13 14 15 16 17 17 18 18 19 19 19 19 19 19 19 19 19 19 19 19 19	80·8 81·2	74·7 76·7 79·4 80·3 81·8 78·5 79·3 75·1 77·8	79·6 78·7 76·9 78·3 78·1 75·2	77.5 79.5 77.4 77.8 76.9 78.5 79.0 76.0 76.0	80·3 76·3 76·5 77·4 79·1 77·1	80 6 76 8 77 3 76 3 77 3 78 9	77·3 76·3 77·1 76·3 77·3 78·3 76·3	76·8 76·1 77·1 78·3	70.7	76·6 76·7 75·9 75·8 76·5 77·6 76·2	75·8 76·3 75·3 76·1 76·3 76·8 75·8	75·7 75·9 74·5 76·2 76·0 76·0 75·5	75·5 73·8 76·3 76·8 75·3 75·3	75.3	76·8 75·8 76·8 76·8 76·8 75·8 75·7	76·8 77·3 76·5 76·3 86·0 76·3	77.8 77.8 77.3 76.5 77.1 77.8	76·7 78·8	77.7 78.3 78.7 79.3 77.0 7.81 79.3	78·3 79·5	79·3 79·8 80·3 79·0 78·0 78·3 79·3	79 8 80 3 80 5 79 6 78 8 78 5 78 8	80·1 81·3 81·3 79·8 79·3 78·3 79·3	81:3 81:3 79:8 78:6 78:3 78:3	76 77 77 77 77 77
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10 112 12 13 14 15 16 17 19 20 20 20 21 22 22 23 24 24 26 27 28 28 29 20 20 20 20 20 20 20 20 20 20 20 20 20	\$1.5 81.5 81.3 80.4 80.5 \$1.8 80.3 78.3 80.6 77.9 78.3	81.3	\$2:3 \$0:8 \$0:0 \$0:1 \$0:3 78:4 77:5 77:4	79 9 76 8 77 8 77 3 75 3	80 8 79 8 77 1 80 8 79 0 79 2 75 4 76 7 76 3	80·5 80·0 75·5 79·9 79·6 79·5 76·2 78·1 76·3 76·3	80 4 80 1 85 3 79 7 79 3 79 5 76 4 76 1 76 5 76 4	80-6 79-9 75-6 79-2 79-3 76-3 76-3 76-1	75·6 76·0 76·3	77·7	75·3 77·5 76·3 76·6 76·8 75·8 75·8 75·8	73.8 75.4 76.1 74.3 76.4 76.1 75.5 75.4 75.5	72·3 77·9 74·3 76.3 75·3 75·3 75·3 75·3 75·3	72·5 74·3 77·8 74·5 76·3 75·8 75·3 76·1 75·1 75·1 75·1	73·3 73·8 77·3 75·3 75·8 76·4 76·3	73·5 73·5 73·1 76·9 76·5 77·8 76·6 76·3	75 0 74 3 78 3 76 3 77 3 78 3 78 3 76 5 77 5 76 0	76 5 76 9 79 5 78 1 73 4 79 8 77 9 77 3 78 1 76 5	77.4 79.3 78.7 78.3 79.6 80.8 78.8 77.0 79.0 77.5	79·3 80·8 78·3 78·5 80·3 80·3 78·3 79·7 77·0	80·3 78·3 78·0 81·3 81·1 80·6 78·8 80·0 76·5	81·3 81·5 79·1 79·3 82·8 81·8 81·6 79·3 79·8 78·8	81·3 81·1 78·8 80·8 81·3 79·8 80·0	81:3 80:5 80:8 80:3 81:3 78:3 80:1 79:0 76:8	71 77 77 77 77 77 77 77 77 77 77 77 77 7
23 24 25 26 27 23 29 30	79·4 79·9 79·1 79·8 79·8 79·3	78·5 79·3 79·9 80·3 80·1 80·3	78·3 79·1 76·3 80·4 89·1 77·6	79·3 76·4 79·8 79·4 77·7 77·6	78.3 76.3 80.3 79.9 78.2	77·7 74·0 76·1 76·2 80·1 77·7	77:3 73:7 76:4 78:3 50:3 77:3	71:3 74:3 76:3 76:3 80:7 77:3	77-3 74-3 76-3 76-1 79-1 76-7	77.8 74.4 76.1 75.2 77.3 76.4	77.3 74.5 75.8 74.3 75.5	76·8 74·4 75·3 74·0 75·4	76·3 74·3 74·9 73·7 75·3	75·1 74·3 75·1 73·6 74·3 76·3	75·5 75·3 75·3	76·1 77·1 75·5 74·8	78·0 79·1 76·3 74·6 75·9	77·1 78·7 76·8 75·3 75·6	77·7 78·8 78·3 77·5 76·5 79·3	78·3 79·5 80·3 79·3 77·5	77·5 79·8 79·3 78·8 73·8	79·1 79·5 78·9 78·3 78·5	79·1 79·3 77·8 78·6 79·5	80·3 78·8 78·3 78·7	7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7

<sup>\*</sup> The numbers in these Columns are not observed, but interpolated for the sake of obtaining the daily means.

Means.

79-9 79-7 79-3 78-9 78-4 78-0 77-8 77-7 77-4 76.9 76-9 75.8 75-4 75-2 75-4 76-0 76-7 77-4 78-2 79-0 79-2 79-8 79-8 79-8

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Gettingen Menn Trus.	Noo	n. 1	3	8	4	8	8	7	8	9	10	11	18	13	14	15	16	17	18	19	20	81	83	98
Madras Sens Time.	4.63	1.0	h m	8- m. 7- 41	h m. 1, 41	h. m 9, 41	h m. 10 si	3, m 11 41	h. m. 57. 46	h, m, 15 4i	h 10.	h m. 15. 61	le et	b m. (7, 4)	35. 61	N. BL 19 61	\$ m. 50. el	h m \$1.41	b. m. M. 41	h m. 85, 61	B. se. 0. 41	1. 4i	h m 7.41	5 m. 3. 41
21 17 18 10 10 10 10 10 10 10 10 10 10 10 10 10	78 4 4 80 4 77 5 77 6 5 77 6 7 7 7 7 6 7 7 7 7 6 7 7 7 7	77: 178: 178: 178: 178: 178: 178: 178: 1	8 77:1 8 79:0 7 78:0	7.6 68 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	78-4 79-7 79-6 79-7 79-8 88-8 77-8 79-8 77-8 79-8 77-8 79-8 77-8 79-8 77-8 79-8 77-8 79-8 77-8 79-8 79	79 9 79 78 38 79 99 77 78 88 70 99 77 88 87 79 88 77 88 87 79 88 77 88 87 79 88 77 98 88 79 88 88 88 88 88 88 88 88 88 88 88 88 88	79:50 8 80:88 79:58 77:8	70 8 80 3 79 5 70 10 78 80 79 78 80 79 78 80 79 78 80 79 78 80 79 78 80 77 79 78 80 78 78 78 78 78 78 78 78 78 78 78 78 78	77:580-37:79:88-79:88-79:88-79:88-79:88-79:88-79:88-79:88-79:88-79:58-79	77:08 79:79 77:08 77:08 77:08 77:08 77:08 77:08 77:08 77:08 77:08 77:08 77:08 77:08 77:08 77:08 77:08 77:08 77:08	78-38-77-8-8-77-8-8-77-8-8-77-8-8-77-8-8-77-8-8-77-8-8-77-8-8-77-8-8-77-8-8-77-8-8-77-8-8-77-1-8-8-8-77-1-8-8-8-77-1-8-8-8-77-1-8-8-8-77-1-8-8-8-77-1-8-8-8-77-1-8-8-8-77-1-8-8-8-77-1-8-8-8-77-1-8-8-8-8	78 4 79 0 78 6 77 75 1 76 8 8 77 7 8 9 76 8 8 77 7 7 77 8 9 76 8 8 77 7 7 7 7 8 8 1 7 7 7 7 8 8 1 7 7 7 7	78-4 77-5 77-6 77-78-8 77-78-8 77-78-8 77-78-8 77-78-8 77-78-8 77-77-78-8 77-77-78-8 77-77-78-8 77-77-78-8 77-77-78-8 77-77-78-8 77-77-78-8 77-77-78-8 77-77-78-8 77-77-78-8 77-77-78-8 77-77-78-8 77-77-78-8 77-78-8 77-77-78-8 77-78	78:18 78:88 76:18 76:18 76:18 78 78:18 78:18 78:18 78:18 78:18 78:18 78:18 78 78 78 78 78 78 78 78 78 78 78 78 78	78 6 78 8 78 8 78 8 78 8 78 8 78 8 78 8	77.75 8 7 7 8 7 7 8 7 8 7 8 7 8 7 8 7 8 7 8	77:17:03 70:13:70:03 70:13:70:03 74:43 77:83 78:03 78:	78.6 79.8 74.8 73.7 74.5 73.7 74.5 73.7 74.5 77.9 78.8 78.8 78.8 78.8 79.8 79.8 79.8	78-3 76-8 78-4 77-4 78-7 78-7 78-7 78-7 78-7 78	79:377:38 77:38 76:15 77:51 77	78 6 78 9 78 1 78 9 78 1 78 9 78 1 78 9 9 78 1 78 1	78 3 78 78 78 78 78 78 78 78 78 77 76 58 77 76 58 77 76 58 77 76 58 77 76 58 77 78 88 88 88 88 88 88 88 88 88 88 88	75-7 76-4 75-1 77-8 81-3 77-6 81-3 77-7 77-7 77-7 77-7 77-7 81-3 81-9 81-9 81-9 81-9 81-9 81-9 81-9 81-9	79 0 78-77 77-8 80 75 77-8 80 77-8 80 77-8 77-8 80 77-8 77-8
lenns.	78-8	78	7 78-1	78.8	78'6	78-7	78-6	78-6	78-6	78-1	77.6	77-1	76-7	76-8	76-3	76-7	77 4	77-8	78-0	78-4	78:4	78-8	789	78-9
3 3 4 5 6 7 8 9	82·3 82 8 82 0	82:1 81:1 81:1 81:1	3 31 8 3 82 3 1 31 4 7 81 4 7 77 3 5 77 3 5 78 8	32 2 82 3 81 4 31 4 79 1 77 4 77 8 78 9 70 0	61-7 62-3 81-0 81-3 79-0 75-3 77-8 79-8	\$1.7 81.6 80.9 81.8 70.3 74.5 77.3 78.8 79.0	81 5 81 8 88 8 81 1 77 4 74 3 77 3 78 8	\$1.8 81.8 77.9 80.7 74.7 76.7 78.3 78.8	51-8 81-8 77-3 61-8 75-3 74-3 74-6 78-1	80.6 81.7 77.7 77.0 75.9 74.4 74.7	79:3 81:6 77:6 77:8 74:6 74:6 74:8 78:8 78:8	78 8 80 1 78 0 76 7 74 3 74 8 74 6 74 0 78 0	78·2 78·8 78·5 76·1 74·7 75·1 74·0 74·8 77·8	78·1 77·8 78·3 74·3 74·3 75·7 74·3 76·9	75 3 78 8 70 1 75 8 75 3 76 8 76 7 76 8	77 8 80 1 88 1 78 5 75 0 76 8 78 1 78 3	38-3 80-3 77-6 76-4 76-8 76-7 79-5 78-8	82-1 50-6 81-3 79-1 76-3 78-8 78-8 78-8 77-5	81-8 80-8 81-5 78-6 76-6 78-8 72-8 80-8	83·3 70·1 80·3 73·9 77·8 79·5 38·1 79·8 78·6	83-1 53-3 52-8 79-7 78-8 78-6 89-3 79-7 77-8	79·1 83·0 81·2 88·3 76·7 79·8 75·6 78·8 76·5	78-3 83-5 83-8 80-9 70-3 70-9	81 3 83 8 83 4 88 3 79 5 88 0
OCTOBER 183 14 18 19 19 19 19 19 19 19 19 19 19 19 19 19	79-8 76-8 78-5 78-5 77-8 80-8 78-5 78-9 78-9 71-8 73-8	78-1 78-1 78-1 78-1 78-1 78-1 78-1 78-1	81-1 81-1 78-3 176-3 176-3 176-3 170-7 177-4 178-3	78 6 79 2 75 2 77 9 77 8 71 9 88 8 77 8 77 8 77 8 71 8 71 8 75 9 76 1	79·1 80·8 78·4 77·4 77·9 76·8 79·8 77·4 77·0 78·8 71·3 71·7 78·3 75·6	79 3 78 3 78 5 77 8 77 8 77 8 77 8 79 3 77 8 75 0 77 8 71 1 72 1 72 8 75 0	76.7 76.8 77.1 77.8 77.1 77.8 77.1 77.3 78.0 77.1 71.2 71.3 78.8 78.8	78 9 78 8 76 8 76 7 77 1 76 4 78 3 77 1 78 3 76 8 71 0 71 8 72 3 75 0	70 3 78 3 78 4 78 4 77 1 75 8 77 0 78 1 76 8 77 0 78 1 76 8 77 0 78 1 76 8 77 9 8 74 5	78:8 70:6 75:7 76:3 76:7 75:8 77:8 77:8 77:8 77:8 77:8 77:8 77	78.6 79.8 77.3 76.9 78.6 79.8 77.0 77.9 78.8 77.3 77.3 77.3 77.3 77.3 77.3 77.3	77 9 4 76 1 77 6 78 7 75 8 78 4 79 8 76 8 76 8 77 9 78 1 71 9 72 0 75 3 71 8	77:3 79:0 75:3 78:0 76:5 75:8 74:3 72:8 76:7 78:3 76:8 76:8 77:8 77:8	76·3 74·8 77·7 78·3 74·8 78·8 77·8 78·8 77·8 77·8 75·8 75·9 71·1 73·3 70·3	75-8 77-4 77-6 77-8 77-9 76-9 77-6 77-6 77-6 77-6 77-6 77-6	75 8 76 7 75 8 77 7 79 8 77 8 77 8 77 8 78 7 78 8 78 6 78 3 78 3 78 3 78 3 78 3 78 3 78 3 78 3	75.6 76.2 76.5 78.8 79.8 77.8 77.8 77.6 77.6 77.6 77.6 77.6 77	76-8 77-3 78-3 77-3 79-5 80-8 77-2 76-1 79-6 78-6 77-7 76-3 75-7 76-3 75-7 76-3 74-8	78 3 77 9 78 3 78 8 88 9 77 6 78 8 88 9 77 6 78 8 77 6 77 6 78 8 70 8	77-6 70-7 78-4 79-7 78-6 78-6 76-8 80-8 88-1 70-5 75-8 75-8 75-8 75-8	78 3 79 8 78 5 79 8 78 1 81 3 79 1 77 8 60 7 87 8 71 1 74 3 77 5 9 76 \$ 72 8	77-8 78-8 77-8 78-8 78-8 78-6 60-8 81-1 79-0 78-5 74-8 76-1 78-1	77-7 76-8 78-1 78-6 77-8 79-3 81-8 70-1 81-0 81-8 70-7 73-8 78-5 78-5 78-8 78-3	77-8 76-7 75-9 78-4 77-8 80-6 79-9 79-8 80-5 78-8 72-8 72-8 72-7

Meens. 178 0 71-7 77-8 77-7 77-6 77-4 77-1 76-7 78-7 78-3 78-4 76-1 71-8 73-8 73-6 76-4 77-1 77-9 75-8 79-1 78-6 78-8 78-9 78-1] 77-2

\* The machine in these Columns are not observed, but interpolated for the sales of obtaining the 6407 means.

DOWN IN GOODE

													MET												
lottingen can Time.	Noon	. 1	2	3	4	5	6	7	8	9	10	11	12	13	14	16	16	17	18	19	20	21	22	28	Daily :
Madras can Time.	6. m. 4. 4)	h. m. 5. 41	h m. 6, 41	h. m. 7. 41	h. m. 8.41	h. m. 9, 41	h m 10. si	b. m. 11. 4i	h m. 12, 41	h. m. 13. 41	h. m. 14, 41	h. m. 15, 41	h. m. 16. 41	h. m. 17. 41	b. m. 18. 41	h. es. 19. 41	h. m. 20. 41	h. m. 21. 41	h. m. 123, sl	h. m. 23, 41	h. m. 0, 41	h. m. 1, sl	h. m. 2, 41	h. m 3. 41	Mea
,	0 76:3	76:0	0 78-2	0 75:3	75:9	0 75:7	0 75·3	0 75:3	0 75·5	•	0	•	0	٥	۰	0	0	0	0	0	٥	0	0	0	
2	75.0	75.0	74.8	74 4	76.3	75-3	73.9	73.3	74.3		73-4		73.3		73.7	74-3		74·8 74·5		74.8		74-6 76-0	74·5 75·0		
4 5	75.1						76·3 78·1															76-5 78-1	75·3 75·3	76-8 74-9	75 75
8	74·3 76 8			72·1 75·3		70·5 75·3	70·1	70·9 74·8	71·3 74·5		71.4	71-9 74-3			71-7 75-3			72·8 77·7	73·8 77·1	75·0 76·8	75·8 76·3	75·5 76·8	76 8 78 3	78·8 78·5	72 75
8	1-	_	78.3	78-1	77.5	76-8	-	_	76.8	76.5	75.8	75-1	75.0	76 1	74.6	78 3	78-6	77.8	77-0	78-8	78-1	78:3	77-9	77-6	77
10			77·1	77.3			78 3 76-3	74·7	74.8	74.4	74.4	74.5	74.6	74.3	74.7	75.8	77-1	77.8	79-1	78.8		78·8 78·1	77.8		
	75.8	76.4	76 3	76.6	78.3	763	76·5 74·5	76.3	75.5	75.4	75.3	74 8	74-4	74.8	748	75.5	758	75.3	74.8		76.5	758		75.5	
NOVEMBER-185	76.8	75-4	75.4	75.5	75·1 75·4	75.3	76·1 73·8	76.5	75.8					76-1		76-3	77-1	76.7	75-3	75.8	75.6	76.8	76.1		78
18 18	77-8	_	76.4	-	-	_	-	_	_	74-6			74-3		74.3		758		78-5 78-9		78·3 80·3	78·3 80·3	78·8 79·8		7
0 18	78.4	78.3	78-0	77.8	77.5	77.6	77:1	77.3	77.5	77:4	77-3				78-5	78·3 76·3	77.8		77.0	78.8	78.8	78.8	783	78.0	7
20	77-7	76.8	76.6	76.5	76.8	76.5	78 3 76·1	75.3	76-1	76.2	76.3	76.3	76.3	76.1	74·5 76·3	77.6	78.8	78.3	78.3	78·8 77·8	78.3	78.3	78.3		7
21 22	77.3 78.5	76.7	76·3 77·4	75·8 77·3	76·8 76·8	75·8 76·3	75·7 76·5	75·3 75·8	75·3	****	_	name.	_		_	_	_	78.5	_	78.8	_	-	_	78.8	-
23 24	79 5	78.9	78-3	78-2	77-8	77-1	76.6	76.8	76-1				75·3 76·9							79·5 78·3					
25 26	77·3	76.4	76·7			76·2 78 3	75·9 75·3		76·1	75·8 75·3	75·5	75.4	75·8 74·8	75.8	75·9 74·3	78-5	759	76·3	75·6	75.8	75-5			75-8	
27 28			72·6 70·2				70·8		71.3	71.8	71.8	71.0	70·8	71.3	71.8	72·3	73.4	74·3	74-1	71.1		71.8		70.1	
29 80	70-1	70.7	70.7	71.6	71.3	71.2	71.8	71.8	71.3	-	_	_	_	-	_	_	_	_	_	77:3	_	_	_	_	-
	176-1	75.7	72.6	75.5	72.0	75.1	74.9	74.0	77												-				1
	1		_	-	_	_				•		•													1
2	77.3	76.9	76.4	77.0	77-1	76.6	76-3 76-8	76 0	76.5	76.4	76.3	75.9	75.5	75.3	76.0	77.3	77.8	78-3	77.8	78.1	77.5	77.3	77.3	77-7	7
3 4	76.3	75.7	75.8	74.7	75.0	74.6	76°2 743	74.3	74.8	74-8	74.3	73-4	72.5	73.1	71.3	72.5	73-3	74.8	74.8	74.8	74.6	74.3	73.7	78-4	1 7
5 6		73·1 72·7	73·2 72·5	72·8 72·5	73·0 73·2	73·3 71·8	72·3 71·5	72·3 71·3	71·3 70·9	70.8	70.3	70-3	703	70-1	70-7	72.8	73-1	72.9	73:3	73.8	73.5	73:3	73.3	73-1	7
7 8	72.4	72.2	72 2	72.2	71:7	_	70-5	70.3	_	70.9	70·7		70-3		69.8			72·8 71·2			73-1	73-3	72.9	73-9	
9		70-6	700	69.8	88 9	68.7	58·3 67·6	68 8	68-7	68.0	67.3	66-8	66.3	86-5	66.3	68.8	69.3	68.3	69.3	69.3	70.0	69-8	70-4	70.8	8
_ 11	68.3	66.9	658	67.3	66-1	66'4	67.3	67.3	66-5	65.9	65.3	65.2	65-1	65.1	64.5	65.8	68.0	688	69.8	69.7	69 9	69·8 72·3	69.8	69-5	6
<u>∞</u> 13	71.3		71.3				67·3 70·3			-	_	_	_	_	_	68.5	_	_	_	_	_	_	_	***	1 -
14	76.5		76-0				75 5			75.2	74.3	74.2		74.3	745	75.3	76-3		76.5	76.7	76.8	76.3	76.8	75.7	7
ECEMBER 15 16 17 18	75·3 76·0		75·3 75·3		75.4	75-8	74-9				74·8 74·5		74·0 74·8			75-4		76·5	78 8 76·1			77:3			
2 18 A 19	75.1	73.7	74.1	73.6		72.8	72·5 68·6	7:16	728	72.6	72 3	71.9	71.5	71.3	71.8	72·1	73-2	71.2	72.8	72.1	72.6			70-1	
20 21	70.0	70 2	69-5	69-1	69-1	68-6		68.3			_	_	_	_	_	_	_	_	-	69.7	_	_	_	_	1 -
22		86.8	66-6	86-1	66.2	86-1	66.8	85.8	68 3	66.3	66.3	65.8	65 4	65.3	66.3	66 8	88-5	69.6	69.0	68.7	69.5	68.5	68.5	63.1	6
24	67.5	67.5	67.6	67.6	68.0	58.3	68.0	67.7	68-5	68 4	68.3	68.9	65 6	65.8	65.3	86.5	69-1	69.2	69-0	68.8	68-6	67.5	67-8	67-3	6
28	86·5 68·7	67.9	68.3	68-6	88.6	68-9		68.5	68.6	68-4			66.5		64·5	65.3	67.4	69·1	69-7	69.5	68·1	71-6	70.7	70.1	6
28		69.8	70 0	70.3	70.5	69.9	70.1	89-8	70 3	70-4	70-1	69.8	69.5	69.3	69-1	70:3	72:3	72.8	70:3	69.8	70.8	70-5		71.8	
			70·0				68·8			69.0	68.7	68-5	68.9	66.7	67-1	68.5	70.8	71.6	71.9	71-8 69-8	71.0	71.2	71·3	67-5	6
					67.6	67-5	67-8	67.3	57.3	67.5	67.7	67-4	67.2	66.8	65.7	66-3	66-7	88 0	69.0	67.8	88.8	68-2	69.1	79.8	6

\*The numbers in these Columns are not observed, but interpolated for the sake of obtaining the daily means.

HUMIDITY OF THE AIR AND TENSION OF THE ATMOSPHERIC VAPOUR. Gottingen Mean Time Noon, 1 2 3 10 11 12 13 14 15 16 18 21 P. M. Lun Len, B. M. B. ٠ 0.84 0.85 0.85 0-53 0-59 0-66 0-74 0-77 0.85 0.85 0.85 0.86 0.84 0.86 0.75 0.63 0.62 0.58 0.56 0.56 0.57 0.728 9 -67 .71 71 .65 ·88 .88 .89 -88 83 .75 -65 -64 .60 .768 .62 3 ·70 .77 .80 85 .83 85 88 .00 .90 -91 187 .80 68 65 .60 64 .62 .63 64 .777 -67 .78 .79 80 85 87 89 89 -90 -89 .83 ·75 ·72 ·71 .65 64 -89 89 93 ·99 ·90 ·88 -91 .68 ·64 65 -65 .793 79 76 74 74 76 ·68 ·71 ·62 71 ·79 ·74 760 76 .84 .84 83 85 87 ·89 ·86 86 65 -62 -59 -81 61 7 74 83 ·81 ·58 728 71 -81 .88 ·63 56 -56 .54 ·58 6.6 75 .78 81 å -66 -69 .79 82 84 -87 .87 .71 .57 ·56 -57 716 ·57 81 .87 .63 -67 -73 -76 · 58 9 60 .62 67 -74 .75 .79 82 ·81 81 81 .81 .89 72 60 -58 .56 -59 693 ·67 75 ·77 10 62 70 .73 80 83 .85 \*86 .87 87 89 90 81 71 -61 61 -62 18 65 747 11 68 76 .75 .77 91 -68 -65 .75 .84 .91 .92 .91 -92 -92 .85 .66 -05 -63 60 774 70 ·76 ·77 ·73 ·69 -79 -81 -86 13 14 15 16 17 18 19 20 21 83 81 ·83 -83 88 -90 .90 .90 .90 91 .92 .87 .77 -69 ·67 ·66 69 64 69 69 800 HUMIDITY OF THE ·92 ·81 ·89 73 70 69 ·83 ·76 ·74 87 ·91 72 ·70 .83 ·84 ·78 ·79 ·74 ·66 ·84 ·79 ·78 ·72 ·66 ·86 ·78 ·77 ·71 ·68 -95 -89 -81 -67 93 .91 .93 -91 -84 67 62 64 '810 ·76 ·75 ·76 ·66 -78 ·87 ·82 ·68 90 ·90 ·86 ·68 ·88 ·83 ·64 65 .63 66 769 ·76 ·77 ·79 ·67 .83 ·R2 63 62 80 65 463 ANUARY 79 ·73 63 740 -67 69 .74 67 .54 68 .55 .57 .56 .56 649 .63 -65 68 ·75 ·85 ·80 -82 87 ·83 ·77 ·61 -68 .81 -84 -85 67 63 -59 .60 .58 -59 697 -65 71 79 73 77 74 -71 .72 .75 -89 -89 .89 ·87 68 .63 61 .60 .63 61 62 744 ·71 ·77 ·75 ·77 ·80 ·73 84 82 80 83 88 .64 -69 73 .72 77 .83 ·86 ·89 85 .78 69 64 65 63 63 64 ·75 ·75 ·76 ·78 ·87 ·81 63 29 63 -68 .70 73 79 79 88 .84 87 ·87 ·86 ·89 ·86 ·88 .78 70 -67 .63 -60 62 737 720 746 ·57 ·70 ·67 ·64 ·73 ·71 ·67 ·75 ·79 ·67 76 81 75 81 ·87 ·71 ·58 64 .63 .59 .56 .59 .61 69 ·84 ·77 .60 -89 70 .55 .55 .54 .71 82 ·83 ·81 25 ·76 ·79 ·82 64 -60 .58 61 26 ·84 ·84 ·86 ·83 ·83 ·83 ·83 \*85 \*85 \*88 \*86 \*86 •59 -57 59 .718 27 63 -62 .66 ·68 -69 -69 68 ·70 ·78 ·74 ·78 .69 -63 60 .55 59 74 ·78 ·79 ·78 83 .58 .59 709 28 .52 .66 68 ·74 ·72 ·71 75 76 83 67 .62 .59 .58 -59 -56 .58 -61 .65 .69 71 79 -81 83 .58 .56 -59 80 .59 58 ·57 711 715 731 -62 50 61 .60 63 .62 31 .05 -68 71 60 64 Means. 648 677 714 732 749 759 771 784 791 817 838 849 664 868 871 859 784 668 633 609 603 595 611 683 0.739 ln. In. ln. ln. 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0.655

<sup>651 °656 °658 °663 °665 °661 °656 °648 °650 °651 °647 °641 °635 °633 °661 °686 °660 °652 °647 °648 °656 °657

\*</sup> The numbers in these Columns are not observed, but interpolated for the sake of obtaining the daily reasa.

## MADRAS, 1851.-METEOROLOGICAL OBSERVATIONS.



HUMIDITY	OF	THE	ATR	AND	TENSION	OF	THE	ATMOSPHERIC	VAPOUR.

h m. h m. f. si T. si		6	?	8	9	10	11	.18	18	14	15	16	17	18	19	80	21	88	83	Detty
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-62 -65	-88 -61		-77	-60	0.86 -80	0.84 -79	-60	-61	.80	-88	5.79	-71	0.57 -64	0.54 -61	0-82 -61	0.84	0.\$8 -80	0.23	0.52	0.70
·73 ·78	-78 -71 -74 -71		-80 -79	-79 -83	·61	·83	·83	-84	-86	-66 -65	-83	78	·61	·61	-60	-51	·43	-49	-54	71
-67 -70 -75 -76	·75 7-		-75 -80	·75	·77	·79	·80	-88 -84	-83 -87	·63	-79	·13	*86	-89 -61	·58	55	*68 *60	-81	65	.70
-75 -79	-79 -6		-81	-81		_	-90	-09	-91	- 90	-88	-78	-69	-66	-63	-	_	_	-	-
-75 -78	·80 ·81		-84	-87	-35	-88 -98	-90	-88	-92	.89	.85	-77	-67	-83	-65	·62	·63	·63	·64	-71
-77 -81 -75 -78	·79 ·71		-80	·86	·82	-84	-64	·85	-98 -91	-86	·82	·71	-86	·60	61 51	164	-52 -60	·61	-61	-74
74 78	·79 ·8:		-86	-67	-89	-89	91	-91	-86	-96 -63	·85	-77	68	-63	-59	·58	·56	·56	-56	
-73 -74	-11 -11		-68	-89	_	-80	-67	-85	_	-89	-84	76	-5.8	_	-63	_	-	-61		-
-73 -76			-8.8	-86	·87	-88	.89	-90	-86	-88	.83	-74	-65	·62	-63	·68	·62	-61	-81 -60	-76
·72 ·73	-76 ·7:		-88	·63	·66	*88 *88	-88	-88	*87	-67	·81	·70	-67	·60	-59	-59	·61	·61	-56	-75
-78 -79 -76 -79	-80 -81		·87	·88	·88	-88 -87	-89	-88	91	91	·83	·71	*69 *58	-5 S	-57	-8.5 -8.5	-84 -57	-58	·55	
-79 -81	-84 -8		*84	-85	_	88	-8.5	-88	-68	21	-84	7.5	-86	-63	-60	-80	_	_		-
·78 ·81	-81 -81		-84	-87	·87	-87	-88	-89	.89	-89	-84	-72	-65	-62	-61	.61	·59	·82	-61	·76
77 80	-84 -81 -79 -71		-83	-86 -83	-87	-67	-87	·88	·90 ·85	-88	·85	-77	·70	-63	·61	·81	·60	·58	·62	-77
·72 ·75 ·71 ·74	-77 ·77		·78	·81	·88	83	·83	83	-83	·86	·79	·71	·63	·60 ·54	-57	-89 -80	·61	·39	61	-75
73 76	-76 -76		.78	.78	-88	-87	-87	-88	-89	-88	-60	-71	-60	- 88	-61	-80	-62	_	-	-
-75 -79	-79 -80	-80	-81	-81	-88	-82	-83	84	-61	.83	-80	.71	.80	-60	-59	-56	-61	·63	64	·76
-733 -768	-782 -79	1 -897	-880	864	-850	-861	-859	-860	-865	-878	-826	-727	*644	601	-597	-591	.285	-591	-608)	0.70
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·607 ·619 ·740 ·769																719	717	710	·728	-64
696 -713 -690 -695	·712 ·72	2 -707	-703	697	-682	-666	641	-616	-635	686	.723	734	-676	659	682	685	692	659	-876	-68
.795 -798	-618 -80	9 -606	807	796	797	.797	789	782	779	778	792	-330	761	740	739		784		788	-71
-782 ·811	-805 '80'	-	-	789	777	765	768	771	747		799		764	759	764	-811	-775	-775	-774	-78
		2 -806 4 -834			.785	·789	-760	·76I	750					763			·742 ·635		-767 -840	-77
·822 ·832	·839 ·83	5 -830	823	-616	.798	.779	.774	-770	·786	.898	.830	-601	.753	.763	823	-808	-881	823	816	-81
-751 -778	.754 .75	0 -749	.756	746		761		-681	-875	704	.748	754						·718 ·871	647	·78
	.791 .79	***		287	760	732	708	-578	-618	-698	741	774	779	-767	794	-817	810	-807	-781	-77
	776 76		758				780	783	710	·740	762	782	·785	1780	795	1800	·614 ·824	793	798	-78
-826 -824	889 83	8 -825	-831	-803	.804	.805	.796	-788	-763	.784	-888	.777	.746	.796	793	.816	-603	.773	711	-80
		9 -885	.868	854	·803	654	·885	677	-839 -858	873	884	-831		·770		·797		-776 -835	·772	-81
-852 -897	943 93	_	-	-907	-894	881	-884	786	-831	869	-890	882	-822	-864	844	-841	842	859	-864	-87
-852 -897 -929 -932	-900 -90:	8 -676	865	854	.841	.827	823	.819	.806	.881	·855 ·987	.841	823	-826	-885	-646	.812	-816	-614	-81
-852 -897 -929 -932 -887 -903	-881 -81	8 -819	.797	.770	.774	-778	748	-715	723	.740	-807	.804	.782	-805	.786	.783	791	.784	.757	-78
-852 -897 -929 -932 -857 -903 -862 -871 -806 -797									747		883	·842 ·857	*830 *884	·818	-790	883	·849	·886 ·901	·854	-81
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-852 -897 -929 -932 -687 -903 -662 -871 -806 -797 -802 -830 -835 -649	-879 -87			658	_	_	897	-550	-894	-915	-990	-907	-880	-831	-887	-00-	919	917	-598	-81
	06 -797	06 -797 -881 -81 02 -830 -824 -81	06 -797 -881 -818 -829 02 -830 -824 -811 -818	06 -797 -881 -818 -829 -797 02 -820 -824 -811 -812 -807	06 -797 -881 -818 -829 -797 -770 02 -830 -824 -811 -812 -807 -810	06 -797 -881 -818 -829 -797 -770 -774 02 -830 -824 -811 -812 -807 -810 -800	06 -797 -881 -818 -829 -797 -770 -774 -778 02 -820 -824 -811 -812 -807 -810 -800 -789	06 -797 -881 -818 -829 -797 -770 -774 -778 -746 02 -820 -824 -811 -812 -807 -810 -800 -789 -775 35 -649 -879 -874 -871 -860 -862 -854 -846 -687	06 797 881 818 829 797 770 774 778 748 718 02 830 824 811 812 807 810 800 789 775 762 35 649 879 874 871 860 862 854 846 687 828	06 -797 -881 -818 -829 -797 -770 -774 -778 -746 -716 -723 -02 -830 -824 -811 -818 -807 -810 -800 -789 -775 -762 -747 -835 -849 -879 -874 -871 -860 -862 -854 -846 -887 -828 -797	06 -797 -881 -818 -829 -797 -770 -774 -778 -746 -718 -723 -740 -78 -830 -824 -811 -812 -807 -810 -800 -789 -775 -762 -747 -787 -856 -857 -879 -874 -877 -870 -862 -854 -868 -867 -886 -887 -877 -840	06 1997 881 881 829 1997 170 174 178 1746 118 173 1740 807 03 830 834 811 818 807 810 800 189 175 176 177 187 856 35 849 879 874 871 880 882 834 848 887 828 1797 840 883	06 197 881 818 829 197 170 1714 1728 1746 118 173 1740 807 806 03 830 834 811 812 807 810 800 1780 175 176 176 177 854 842 35 849 8379 874 871 860 862 854 848 867 928 1797 840 883 857	06 197 381 818 829 197 1770 1774 178 148 118 123 1780 807 804 178 03 830 824 811 818 807 810 800 189 175 176 176 177 187 854 882 830 35 849 879 874 871 880 862 854 886 887 828 197 840 883 857 884	06 797 781 818 829 797 770 774 778 746 718 733 740 807 804 752 805 03 830 834 811 812 807 810 800 789 775 762 747 787 854 842 830 818 35 849 879 874 871 860 862 854 846 867 828 797 840 883 855 884 800	06 197 881 818 829 197 170 174 178 746 118 123 140 807 804 182 805 186 02 880 824 811 818 807 810 800 189 175 162 747 187 854 842 880 818 190 35 849 879 874 871 860 862 854 848 867 828 797 840 883 857 884 800 909	06 197 881 818 829 197 1710 1714 1729 146 713 140 807 804 132 805 1786 183 08 830 834 811 813 813 807 810 800 189 175 182 173 183 83 83 83 83 83 83 83 83 83 83 83 83 8	06 197 881 818 829 197 170 174 178 146 118 123 746 187 854 188 189 865 186 187 865 186 186 187 865 188 188 189 08 889 814 811 812 812 80 810 800 178 178 178 178 178 188 188 842 880 818 190 848 44 35 649 879 874 871 860 862 854 846 848 887 828 179 810 883 857 884 800 90 885 889	06 197 861 816 829 197 170 174 178 146 718 723 140 807 804 182 905 1786 183 191 185 02 880 884 811 812 807 810 800 189 178 178 762 767 187 854 842 830 818 190 844 849 886 35 649 819 874 871 860 868 884 884 887 828 797 840 883 857 884 800 909 885 887 885 899 901	06 197 861 816 829 197 170 174 178 146 718 723 140 807 804 182 905 1786 183 191 184 157 02 880 884 811 812 807 810 800 189 178 178 762 767 187 854 842 830 818 190 844 849 888 864 35 649 819 874 871 860 868 854 864 687 828 797 840 883 857 884 800 909 885 887 885 899) 991

. The numbers in these Columns are not observed, but interpolated for the rake of obtaining the daily means.

1   04   04   07   07   07   07   07   07	Gettingen fess Time.	Noor	. 1	2	3	4	8	8	7	9	1	10	11	12	13	14	15	12	17	18	12	20	21	22	28	_
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1	- 6	-	_	_	_	_	_		_	_																-75
1	8	-50	-54	-88	-36	-81	-53	-63	-66	-67	.70	-72	-76	-74	-75	-74	-87	-60	-59	-59	-58	-58	-59	-59	-60	-68 -68
1	× 11	-60	-67	-72	-72	.78	-74	-75	.76	.75	-76	-77	-80	188	-83	.94	.75	-65	-57	.26	-56	-51	-54	-57	-87	-85
1		-	_	_	_	_	_	_	_	_	-59	-53	-83	-89	_	-84		-70	-68			-60	_	_	-64	-71
1		-67	.72	-79	-83	-84	-85	-56	-68	-89	-89	-89	-69	-90	-89	-86	-76	-67	-63	-82	-00	-60	.18	-89	-62 -61	·75
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25 de 72 76 62 75 76 62 75 46 76 77 76 77 77 77 77 77 77 77 77 77 77		-58				-61		-8#	-84	-83		184 182	-65	-86	-85	-61	.69	-69	-22	-58	·83	*54 -54	-84 -58	-36		-71
22 45 - 14 - 20 - 35 - 44 - 32 - 35 - 37 - 47 - 37 - 37 - 37 - 37 - 37 - 37	24	-68	-66	-69	-76	.80	.81	-82	-84	-87	-89	-90	-98	-90	-89	-84	-78	-63	-61	.58	-55	-54	-86	.85	-60	·78
22 7 2 7 7 8 11 9 11 7	28										_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	-71
30 Notes, 267 of 16 77 17 18 18 18 18 18 18 18 18 18 18 18 18 18	25										-83	-81	-84	-85	-86	-88	-75	-59	-66	-60	-58	-80	-82	-60	-61	·74
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1	Menns. p	627	876	735	785	784	795	807	-515	829	·835	-837	-851	-871	860	883	753	874	-615	-585	-579	-571	-560	585	188	0-75
\$ 18 14 46 477 71 367 148 475 27 48 475 27 48 47 48 27 48 47 48 27 48 47	1	ln. 0548	0.858	0.636	0.855	0.650	0 542	0.509	0.641	0.632	0.516	9.785	97.6	0-770	0.778	0.797	0.532	0-837	0-907	0.603	0.803	0-616	0.643	0-651	0.631	In 0-82
3 03 03 03 03 04 04 04 07 07 06 04 02 07 07 07 07 07 07 07 07 07 07 07 07 07			616	:567	.871	.867	652	878	.848	-843	-831	-621	-825	-880	.779	-509	-838	-820	-799	.800	.818	-921	-825	-656	-876	·83
T 433 134 136 41 137 147 146 147 147 146 148 148 148 148 148 148 148 148 148 148	3										-	_	_	_	_	_	_	_	_	-	_	_	_	_	-	-80
9 07 100 907 100 101 203 105 105 105 105 105 105 105 105 105 105	7									-788	.743	-750	752	-774	-711	-738	-782	-747	-767	.709	-895	.706	.700	-693	-889	-88 -74
1   1, 10   10   10   17   10   10   12   13   13   14   15   15   15   15   15   15   15	9	817	-850	-885	.816	-812	-833	-850	-855	.853	-854	-854	-842	-830	-794	-317	-844	*846	-551	-847	-848	-810	-838	-612	-842	-63
1 1 2 2 3 3 3 4 3 5 3 5 5 5 5 5 5 5 5 5 5 5 5 5	11	.859	-559	-877	-394	.930	-921	-914	-913	-916	-597	-880	-859	-892	-854	878	-887	*863	-867	-880						-87
\$\frac{1}{2}\$  1 \text{ 1 \text{ 2 \text{ 1 \text{ 2 \text{ 1 \text{ 2 \text{	; i4									-963	-939	-913	-894	-880	-865	-912	-955	-917	-916	-919	-914	-919	-898	.899	-886	91
10 - 10 - 10 - 10 - 10 - 10 - 10 - 10 -		946	-913	917	.981	-970	964	259	-966	-971	.955	-939	-206	-874	-898	-854	-675	-867	-683	-871	-870	1874	·3 50	-887	-897	-93
10 — 10 - 10 - 10 - 10 - 10 - 10 - 10 -	18	9+1	-947	957	.951	-940	940	-938	244	-931	935	-938	910	-833	·878	-868	-300	-913	-913	-922	-911	-906	-240	-897 -929	-908	-95
22 152 453 455 455 444 441 466 438 544 472 1995 161 473 475 475 475 475 475 475 132 422 484 485 484 527 475 544 473 475 540 100 475 475 540 540 475 475 475 475 475 475 475 475 475 475	20	_	_	_	_	_	_	_	_	_							.848	-880	-809						-642 -851	-88
14 92 1 92 350 Date orn 374 date of 910 121 (on 192 ) 121 (192 39 39 42 1 90 31 90 1 90 1 92 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	22	-858	-883	933	-944	941	966	-959	964	1-000	909	959	919	954	955	·697	939	-935	-913 -912	-925 -963	-894 -964	960	-845	572		-96
\$8  975 1000 922 949 931 024 925 905 908 908 909 090 090 090 090 983 962 988 988 988 988 988 988 988 988 988 98	25	921	-998 -982	1630	1-001	0-970	974	0 980	1000	-004	1-012	1-009	1-019	1-905	-989	-990	-967	-909	-914	-906	-9:1	-926	-923		920	-91
18 945 0046 0990 '012 0396 0998 1000 1002 0992 '973 '985 1000 '977 1000 '947 '947 '958 '947 '918 '945 '965 '945 '915	27	_	_	_	_	_	_	-	_	-008	-994	-979	0990	0-910	0-953	-962	-958	-988	-958	-949						.91
29 890 898 902 0st3 950 951 0st8 0st8 0st8 953 958 953 965 0st4 935 0st8 929 922 943 987 911 925 885 885 92 92 30 925 915 937 936 948 941 945 955 941 939 935 934 982 905 904 920 931 916 914 929 878 670 878 879 878 957 958 959 959 959 959 959 959 959 959 959		.988	0-944	0.990	.012	0 956	0-990	1 000	1000	0:143	973	-983	-988	1 000	-977	1:000	947	947	-938	-947						9

\* The numbers in these Columns are not observed, but interpolated for the sake of obtaining the daily means.

Gottingen Mean Time.	Noon.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Duly an
Medras Mean Time.	1º. M. h. m. 4. 41	b. m. 5. 41	b. m. 6. 41	h. m. 7. 41	h. m. 8. 41	h. m. 9.41	h. m. 10.41	h. m. 11. 41	h. m. 12. 11	h m. 13. 41	h. m. 14. 41	ъ. п. 16. 41	h. m. 16. 41	h. m. 17. 41	h. m. 16.41	h. m. 19. 41	h. 30. 20. 41	b.m. 21,41	b. m. 23,41	h. m. 28. 41	0. 61	h. m. 1.41	h. w. 2, 41	h. m. 3. 41	Monthly
10 MICANDITI OF THE ALIC MAY 1851. 11 19 19 19 19 19 19 19 19 19 19 19 19 1	0:58 -77 -97 -90 -58 -57 -50 -58 -56 -52 -50 -58 -71 -70 -69 -62 -73 -65 -60 -58 -47	0-63-98 	0.65 83 97 79 74 68 70 72 65 71 66 71 76 77 77 77 77 77 77 77 77 77	0.65 96 70 76 71 78 76 77 77 77 77 77 77 77 77 77	0.77 -85 -85 -81 -80 -79 -77 -80 -81 -82 -88 -88 -88 -79 -74 -71	083097 -883688 -856883 -85688180776848776	0-84 	0.83 1.00 0.87 8.86 9.99 8.85 9.99 8.85 9.99 8.85 9.99 8.85 9.99 8.85 9.99 8.85 9.99 8.85 9.99 8.85 9.99 9.85 9.85	0.85 937 977 990 990 990 990 990 990 990 990 99	0.85 -91 -95 -93 -93 -93 -91 -89 -85 -793 -88 -85 -87 -88 -87 -88 -87 -88 -91 -91 -91 -91 -91 -91 -91 -91 -91 -91	0.84 -59 -92 -84 -89 -87 -91 -85 -73 -81 -89 -87 -77 -84 -67	0.855 -900 -911 -855 -877 -977 -885 -865 -872 -873 -874 -875 -875 -876 -876 -876 -876 -876 -876 -876 -876	0.57 -91 -90 -91 -91 -91 -91 -91 -91 -91 -91 -91 -91	0.868-01 933-903-935-70-909-935-70-999-84-89-91-99-88-4-89-91-99-88-4-8-57-71	0-83 -91 -91 -87 -68 -68 -74 -74 -74 -85 -84 -85 -76 -85 -76 -76 -76 -76 -76 -76 -76 -76 -76 -76		90 93 72 78 62 72 56 57 54 69 70 71 70 70 70 68 62 70 70 70 70 70 70 70 70 70 70 70 70 70	0.76 94 -90 .74 .71 .57 .65 .54 .49 .66 .65 .65 .65 .65 .65 .65 .65 .65 .65	0.755 -893 -622 -555 -624 -688 -664 -668 -667 -611 -488	0-79 -86 -68 -62 -517 -50 -42 -45 -62 -62 -63 -63 -63 -63 -63 -63 -63 -63 -63 -63	6:53 - 6:56 - 6:56 - 6:57 - 6:16 - 6:52 - 6:53 - 6:53 - 6:54 - 6:52 - 6:53 - 6:54 - 6:52 - 6:54 - 6:	0.864 -94 -813 -6562 -488 -485 -524 -488 -344 -656 -676 -676 -688 -676 -688 -688 -688 -68	0.817 -79 -79 -64 -58 -54 -51 -58 -50 -63 -70 -68 -68 -51 -51 -51 -51 -51 -51 -51 -51 -51 -51	0 82 -95 -71 -59 -55 -67 -55 -67 -68 -67 -68 -67 -68 -67 -68 -67 -68 -67 -68 -67 -68 -67 -68 -68 -68 -68 -68 -68 -68 -68 -68 -68	0.785 -900 -918 -766 -767 -731 -699 -696 -696 -756 -787 -787 -756 -711 -666 -618
Means.	-037	-669	·734	•756	-810	841	·855	-865	·863	-862	-850	·8·16	-817	·\$61	-813	-7:14	·682	-639	-617	·603	-592	-591	-607	-619	0.745
1 ENRICH OF VALOUR 1 2 3 4 4 5 5 6 7 7 8 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		In. 0812 7923 852 815 7583 924 864 916 985 971 888 888 888 888 888 888 888 888 888 8	In. 9812 7790 911 -847 7780 832 918 866 923 775 945 -945 -980 883 -912 945 -980 883 -912 878 878 878	In. 0798 785 7914 8491 7778 823 8990 8587 9915 9922 9913 858 9915 858 893 890 8584 879	In. 0927 :S41 :906 :908 :838 :887 :951 :969 :969 :969 :969 :969 :969 :969 :96	In. 0-993 -906 -895 -9100 -932 -932 -932 -932 -932 -932 -932 -932	941 906 902 815 937 938 905 1 005 976 976 976 976 976 977 1 005 0 05 1 00 1 00 1 00 1 00 1 00 1 0		0975 911 -989 858 961 -988 1-018 -988 -959 970 -956 966 -966 977 -988 -988 1010 988 1010 997	915 932 849 959 950 976 101 101 103 103 103 103 103 103	914 958 809 958 936 926 936 917 768 800 914 948 948 948 800 928 888	937 814 928 928 928 921 856 911 950 950 943 957 877 826 826 826 826	896 -922 -819 -813 -901 -907 -691 -907 -755 -822 -956 -960 -903 -911 -864 -869 -866 -869 -866 -866 -866 -866 -866	887 -788 -924 -788 -999 -895 -729 -896 -882 -792 -846 -948 -945 -944 -944 -944 -848 -848 -848 -848 -848	896 901 783 857 921 910 837 735 804 900 973 965 968 968 968 968 978 978 978 978 978 978 978 97	873 -905 -794 -807 -893 -807 -752 -807 -752 -839 -957 -957 -957 -957 -957 -957 -957 -95	-599 -549 -585 -585 -735 -911 -735 -761 -686 -588 -733 -835 -84 -956 -963 -944 -920 -778 -774	906 -7977-862 -870-707-738 -8677-7-738 -825-903 -9066 -970-928 -928 -928 -928 -928 -928 -928 -928	922 -813 -869 -823 -720 -824 -648 -648 -648 -648 -648 -648 -648 -64	In. 0-833 -030 -820 -820 -858 -838 -651 -657 -663 -922 -972 -953 -959 -853 -853 -853 -853 -853 -853 -853 -853	In. 0 816 907 - 819 842 846 - 795 847 804 - 795 687 - 652 953 - 652 953 - 947 858 903 858 903 - 793 -	933 -880 -782 -786 -786 -717 -577 -577 -942 -995 -995 -995 -842 -902 -826 -842 -902 -826 -842 -902 -826 -842 -902 -842 -902 -842 -902 -842 -902 -842 -902 -842 -902 -842 -902 -842 -902 -842 -	In. 0.785 941	In. 0-519 855	In 0-911 0-911 8-911

<sup>#</sup> The numbers in these Columns are not observed, but interpolated for the sake of obtaining the daily means.

Gottingen Mean Time.	Noon	. 1	8	3	4	5	6	7	8	9	10	11	12	18	14	15	16	17	18	19	20	21	22	23	Defina
Madras Mean Time.	P. M. h. m. 4. 41	h. m. 5.41	h.m. 6. 41	h. m. 7.41	h. m. 8. 41	h. se. 9. 41	h-m. 10.41	h, m. 17. 41	h m. 12-41	h.m. 13- 41	h m 14 41	h m. 15, 41	h. m. 16 4)	h.m 17.41	h nı- 18 41	h. m 19 41	h m.	h. m. 21, 41	h. m. 22. 41	h. m. 23, 41	0 41	h.m. 1.41	h. m. 2. 41	h. m 3-41	Daily as Monthi Means
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Means.	-518	-572	·653	701	743	·7 <b>4</b> 0	-741	-745	749	746	·737	740	750	-738	·691	-632	•576	.538	•493	•479	465	•450	•460	482	0.63
MAY 31 1 2 3 3 4 5 5 6 7 7 8 9 10 112 12 12 12 12 12 12 12 12 12 12 12 12	0 793 6 -640 -640 -806 -760 -759 -694 -693 -720 -812 -689 -81	675 828 765 736 675 684 7732 675 684 7732 891 949 949 949 949 949 949 941 941 941 9	0952 -710 951 859 769 680 -741 668 977 776 964 9918 9918 9919 9939 9959 9959 9959 9955 9985	756 944 906 766 860 908 753 674 971 971 9990 990 990 998 9999 998 9999 9988 9999	972 966 9672 871 762 897 928 741 718 102: 970 954 954 955 915 949 1000 9090 1000 10	783 7925 850 703 967 7783 679 980 9921 965 975 9753 963 9963 9967 9969 9967 9969	998 967 941 837 680 840 -744 6693 .951 944 969 1008 889 963 951 968 951 969 968 951	903 926 892 837 812 -724 812 -729 817 923 945 951 957 959 959 959 959 959 959 959	0963 	*846 *890 .839 *729 *745 *729 *718 *844 *865 *816 *799 *876 *892 *892 *932 *935 *935 *935 *935	*846 *868 *826 *801 *707 -720 *720 *723 *839 *805 *791 *890 *844 -926 *863 *912 *927 *926	840 862 810 801 721 	.834 .857 .795 .801 .835 .692 .721 .698 .749 .725 .876 .834 .843 .737 .793 .850 .857 .891 .990 .890 .890 .890 .890 .890 .890 .890	777 6809 798 846 798 798 778 779 6866 710 695 7744 811 823 8735 7715 848 884 884 885 886 886 902 886 915	770 793 819 726 691 726 727 727 698 758 821 826 777 740 7718 853 894 892 917 850 995	742 7770 808 820 740 694 747 729 7747 7719 7741 819 848 872 8740 7713 7788 872 8873 873 870 8870 888	782 625 524 773 773 773 717 717 717 717 717	755 825 813 7749 703 -722 721 731 677 733 722 778 802 722 778 895 884 8721 7722 778 895 885 881 883 883 883 883 883 883 883 883 884 885 885 885 885 885 885 885 885 885	745 737 7783 754 699 — 717 725 725 721 682 — 763 852 8740 729 689 756 883 8779 775 746 797 797	0-641 729 716 776 757 757 712 686 675 712 689 715 714 — 889 717 717 717 717 717 717 717 717 717 71	781 711 -693 688 779 723 719 923 802 743 802 7749 7728 -855 865 754 804 738 790	770 7111 751 7760 730 730 7711 7689 7715 747 7768 867 737 7788 708 708 7786 7786 7786 7786 7786	-793 -859 -871 -748 -928	In. ————————————————————————————————————	In. 0 :800 811 824 75:732 75:733 806 818:886 818:886 8898 8898 8998 89998 99398

# The numbers in these Columns are not observed, but interpolated for the sake of obtaining the daily means. † H 0-64 and T 0-910 Rain at that tim

loan Time.	Noos	. 1	3	2	4	5	6	7	8	9	10	11	12.	16	14	15	18	17	18	19	20	21	22	28	Daily an
Modras Inna Time.	F. 61	b. m. 6. st	h-m a, at	b- us. 7. 41	h. m. 6. 41	h, m 0, 41	h.m.	11. 41	h. m. 12. 44	à à	b. m. 14. 41	b 10. 15. 48	h m. 16. 41	h. m.	h w- 10. 41	h. m 16. 44	h. m. 20. 41	h. m. 91. 44	b. m. 20. 41	h w. 16. 41	b m. 0. 41	h. m. 1. 41	h m. 2. 41	1 41	Menth!
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8 10 11 11 11 11 11 11 11 11 11 11 11 11	-74 -68 -67 -85 -65 -58 -74	-25 -66 -65 -63 -55	-28 -62 -75 -76 -88 -78	-75 -20 -60 -71 -79	·87 ·74 ·22 ·81 ·69 ·82	·28 ·76 ·24 ·72 ·85 ·68	-88 -74 -53 -83 -75 -69 -59	-78 -86 -85 -79 -89	-91 -75 -61 -63 -80 -95	-20 -78 -80 -81 -80	-68 -80 -78 -79 -79 -87	·85 ·20 ·78 ·75 ·79 ·85	-63 -20 -79 -74 -79 -86	·83 ·77 ·77 ·75 ·81 ·87	-79 -72 -75 -76 -77 -87	-77 -76 -72 -78 -67 -22	·84	-74 -68 -81 -62 -62 -72	·66 ·52 ·57 ·58 ·55 ·69	-64 -50 -57 -51 -52 -87	-89 -50 -54 -35 -51	-60 -50 -54 -31 -80 -80	-58 -56 -53 -35 -57 -60	-51 -36 -58	-721 -878 -713 -896 -870 -777
1881. 1881. 18 18	-83 -74 -64 -64 -83 -58	·70 ·71 ·66 ·57 ·67 ·88	76 76 70 71 80	-81 -74 -85 -81	84 -83 -81 -71 -88 -85	-88 -81 -73 -27 -53	-83 -63 -75 -90 -79	·85 ·83 ·75 ·92 ·80	-82 -22 -77 -90 -81	-92 -79 -25 -78 -87 -80	-89 -76 -88 -79 -83 -79	*87 *87 *80 *81	-88 -75 -82 -81 -20 -21	-86 -81 -89 -20 -61	-22 -82 -88 -79 -82 -88	-25 -25 -20 -79 -80 -79	-86 -70 -71 -75 -21 -74	-8.5 -8.6 -6.6 -6.2 -7.5 -8.2	·71 ·85 ·88 ·62 ·73 ·84	-70 -66 -85 -81 -67	-57 -62 -63 -63 -63	-85 -88 -55 -65	·50 ·53 ·63 ·57 ·58 ·58	-52 -69 -64 -38	-804 -728 -761 -701 -778
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denne.	-826	685	-737	.758	•781	-794	-205	.818	-828	.830	812	-209	-813	.810	-800	.764	-707	-65%	-621	-699	-581	-567	-875	-589	0.721
8 4	875 - 863 - 850 -	869 888 850	915	912 -837 -965	0 911 •928 •928 •865	913 913	0:010 -814 -936 -210	In. 0019 913 940 -886 -294	912	906	937	903 -915 -933	0-917 -915 -952	910	In. 0-953 -951 -911 849	1u. 0-906 -696 -816 -870	864	-838	In. 0-808 -856 -862 -880	*858	.850	In. 0832 254 887 877	.861	987	In. 0-884 -893 -901 -836
6 7 8 9	848 -795 -795 -718	641 785 801	782 875 933	-80£ -916 -967	·784 ·922	-793 -857 -854	776 980 934	722 954 953	-78 5 -69 7	758 868	807 827 831	797	787 817 -781	758 729 754	-774 -758	811	-766 -835 -747	·723	-798 -717 -778 -727 -779	-736 -785 -713	·771 ·765 ·786	·781	·773 ·798 ·711 ·805	-780 -862 -721 -791	*827 *784 *835 *215 *216
THE VAPOU	785 -881 -815 -950	950	-989	872	-648 -871	-878 -276	·260	*816 *816 *855 *859		874 871 821 885	860 798 847	-	-818 -753 -880	-824 -799 -850	858	*850 *850 *840	-892 -642 -834	·674 ·841 ·520	-855 -272 -856 -819	-525	-887 -849	-872	-877	-910 -948 -879	-870 -875 -230 831
TOT 18	834	-682 -758 -812	-824 -205 -756	-938 -860 -772	-934 -272 -761	-932 -650 -769	-928 -223 -765	-919 -834 -787	·9±3 ·845 ·783	-591 -233 -808	*858 *218 	825	810	814 814 264	-824 -817 -900	*227 *883 *817	858	-818 -848 -918	957	-847 -852 -917	-829 -837 -895	-845 -807 -872	-842 -831 -868	·826 ·791	-841
28 24 25	-955 -893 -815	-895 -895 -896	-812 -9-4 -868	-952 -882 -206 -554	-890 -916 -842	-275 -267 -893 -839	*868 *859 *846	940 938 274 854 847	855 865 845 241	865	-796 -778 -849	763	-775 -758 -799	749	·784	801	-615 -783 -763	·805	853 839 718 765 779	·895	·898 ·724 ·825	.787	-55 -725 -779	-845 -821 -818	-80: -87: -81: -85: -61:
9.7 9.8 9.6 8.6	-822 -951 -874	-2 51 -9 0 1 -8 5 1	-821 -981	-831 -878 -841 -299	-847 -831 -779	-82 1 -865 -777	-838 -641 -767	·841 ·846 ·771	856	*845 *865	830	*858 *837 *811	806	832 804	-82 5 -79 5	-840 -211	-840 -840	·812 ·830	-782 -810 -845 -247 -741	-617 -834 -808	*854 *854	*845	-332 -840 -840	-621 -931	·23

Gottinge Messa Tin	n.	Noon	. 1	2	6	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	28	Daily a Month
Madras Mean Tin	ie.	h. m. 4. 63	h. m. 5. 41	b m. 6, 41	7. 41	h. m. 8. 41	h. m. 9, 41	h m lu, 4ì	h. m. 11 41	b, w. 12, 41	h m 13.41	h. m. 14. 41	h. m. 16. 41	h. m. 16. sl	h. m. 17. 41	h. m 16. 41	h. m. 19. 41	b. m. 20, 41	h m. 21. 41	h. m. 29, 41	h. m. 23, 61	h. m. 0. 41	b, m. 1, 41	b. m. 2, 41	h. m 8.41	Mean
	1					0 68					0.71	0.87	0.67	0.88	0.68	0.65	0.64	0.68	0.66	0.55	0.55	0-54	0-60	0.51	0.20	0.62
	3	49	-53	-69	64	-65	-67	·70	·72	-73	.78	.78	72	.72	.78	•72	-69	-58	.56	-56	-52	-49	.49	+7	-49	-62
	5	·51	·57	·63	·68	·74 ·79	77	·78	·79	·80	·81	·80	·81	·82 ·81	·85	·81	·75	·64	·58	-57 -63	·65	·51	-60 -50	·52	· 58	*88 *68
	7	·63	·55	·68	·61	·66	·78	·73	·75	·78	·77	.75	·73	·75	·72	·67	·82	·57	·55	·53	·51	·46 ·76	·44 ·67	·49 ·62	*58 -84	·62
	8	·68	·84	·74	-83	.81	*85 *85	·86	*87 .85	·85	-88	87	-86	*85	*84	.84	.77	.71	-69	-56	•65	60	.61	.61	-82	•75
-4	10	-63	-64	-78	-77	-80	-80	-81	-85	-86	87	89 •79	·88	87 ·83	·88	87	·77	·68	·87	·63	·61	·66	*56 •70	·60	·62	·75
₩	12	-66	-66	·83	·81	·80	·85	·86	-89	.89	·87	-84	.79	.74	.88	.89	88	-87	.81	-78	.77	-78	.70	.67	-65	.79
F 18	14	-61	.87	.74	.74	.79	.78	.78	.81	-82	83	84	·87	·87	.89 ·86	·86	·83	·73	·72	·64	·56	·56	·66	·65	61 •56	·75
	15	67	·60	·78	·79 ·77	·81	*82 *80	.78	·84 ·81	·85	-86	-81	.82	-88	*84	.81	-82	•76	•70	.86	-61	.59	-59	-62	.60	.48
HUMIDITY	17	-78	-75	-82	-84	-83	85	-85	-87	-95	.84	·81	·84	·87	·89	·86	·80	·73	·73	·68	·68	·64	·67	·72	·72	·78
N C	19	·83	·85	·84	·87	·82	*86 *88	-87 -84	·87	·89	·88	·87	·87	·87	·90	·88	-83 -84	·74	·70	·67	·88	·67	·67	64	·66	·80
_	21	·71	·75	·77	·81	·84	·86	*88 *88	·83	·88	*88	.87	-86	*86	-85	.82	.79	.71	.65	.62	-59	.56	·62	-62	.63	.76
	23	-65	-68	.76	.78	-80	-83	-82	84	-85	-88	-85	-86	-87	-85	-86	.78	•70	.63	*68	.60	.60	_	-60	.64	-76
	24 25	.71	•76	-79	-83	-82	-86	-80	-82	-83	·88	·88 ·86	·87	·86	·83	·82	·77	·76	·65	·80	·68	·55	·68	·57	*66 -68	·74
	26 27	*60 •54	.81	·78	·83	·80	·82	·85	·84	·85	·88	·87	·87	·87	·88	·85	.77	·72	·89	·65	·86	·68	·57	·52	·52	-74
	28	·64	·70	·79	·80	·63	·84	·85	·88	*85	·79	.78	.74	·76	.73	.73	.72	.71	-65	.62	.62	·62	·61	·64	·66	.73
	80 81	.75	.75	84	-80	.78	79	-88	-82	-86	_	-82	-83	_	-85	-84	-80	.79	.72	-69	-66	_	-	_	_	.75
Means.		-637	-673	·78 7	771	-787	-802	-815	-827	-8+0	·86	·85	*84 *820	*84	·77	·76	·69	·723	·61	·59	·60	·56	.288	·49	-49	0.75
	1	In.	In.	In.	In.	In.	In.	In.	In.	In.	În.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	/ I
		0.800 · 750	0.817	0.862 -814	0 894 821	0-817 -819	0.823			0.815	0-770	0.724										0.756	0.768	0-788	0-77	
	3	_	-817	830	-864	-903	-864	-856	-	_	.798										.787	·780				•71
	5	·774	.910	-911	.934	.940	880	837	.843	.829	.837	1844	841	838		.801	.788	.801	.782	.785	.820	812	.818	*824	-800	.94
	7		.806	896	·802	·845	·857	932	936	.906	·879	·847	*835 *844	·824 ·857	·782	·752	*748 *860	930	·764	·776				·825		-81
E C	8	·886	.893	.930	·952	936	·957	·950	.947	937	.918	-898	.873	*849	.834	852	-877	1884		.921		.908	-928	-914	.301	.90
	10	_	903	-930	_	979	955	_	976	965	902	904	·894 ·770	-884	·876	.888	*867			.854	853	·826	859	·911	920	-69
	12	942	927	1018	.989	.969	.974	975	.989	970	.925	.879	.807	736	.805	·778	.782	.801	853	.909	.958	.959	.958	.932	905	.90
		·925	-907	0.949 •924		·947	.801	.800	.818	·979	·946	913	·907	·902	·904	·880 ·833			·902	·847		·803	·833	·851 ·804	·898	·90
E >	15	·870	·878	923	·968	·948 ·898	·947	.945	931	·930	-888	848	-815	*845	-847	824	-848	-8 50	.860	879	-886	+904	954	.903	.909	-89
žδ	17	928	937	963	958	928	943	944	_	942		'852 '846	·842 ·838		·846		·869	870	·915	·927	·938	922	956	975	·957	·90
NSI	19	.900	.917	907	928	.816	849	858	.854	860	847	.834	.831	828	.859	.853	.851	.821	.830	-809	.850	.883	.876	.880	897	-85
•	20 21	-850			·872		·904		1818 1858	830	642	'835 '836	·826	826		·845	.814	.798	·845	·867	.780	·880		*800	·845	·85
	22		·852	·887	·800	.849 ·891	·849	·855	·845	·853	-837	821	829	-638	-813	836	-808	.778	.770	•788	-804	-835	.884	-889	-876	-88
	24	911	910	913	-929	.762	-780	-765	_	·788	·878	·867	·860	·853	·811	·820	·619	·870	806	·802 ·856		-776 -866	·838	*831 *837	·892	*85 *63
	28	-844	875	.827	845	*833	835	8 53	847	.849	846	*843	.830	817	.824	.822	.802	-810	.810	-889	.908	-863	.833	.770	.783	-88
	28		·882 ·914	930	·931	948	·822	970	·831	930	·795	·784	·758	·753	·750	·753	·773	-794	·750	.806 •756	.808	·819	.831	*810 *670	·814 ·887	·81
	29	878	.933	840	.850	.876	.861	-8.60	-863	8 54	.845	.836	.850	.865	.849	.842	829	-866	.848	.883	*872	.882	.858	.842	.897	.86
			927	.935	.870	·B30	.839	-857		-858	_	_	_	_	-	-	_	_	_	_		-	_		_	-

<sup>#</sup>The numbers in these Columns are not observed, but interpolated for the take of obtaining the daily means,

HUMIDITY OF THE AIR AND TENSION OF THE ATMOSPHERIC VAPOUR.

Gottingen Mean Time.	Noon	1	8	3	4	5	6	7	8	9	16	11	12	13	14	15	16	17	18	19	20	21	22	23	Dally an Monthly
Madras Mean Time.	P. M. h. m. 4. 41	h. m. 5, 41	b. m. 6. 41	h m 7. 41	h. m. 8-41	h. m. 9. 41	h. sn. 10, 41	h. м. 11. 41	h m. 18,41	h. m 18.41	h m. 14 41	h m. 15. 51	h. m. 16, 41	h. m. 17. 41	h. m. 18. 41	h m. 19.41	h. m. 20, 41	h. m. 31 41	h. m 22 41	h. m 23.41	h. m. 0. 41	h. m. 1. 41	h. m. 2, 41	b. m. 3. 41	Monthly Means
192 3 4 4 6 6 7 7 8 8 8 8 7 7 8 8 8 8 8 9 1112 13 14 14 18 18 19 19 19 19 19 19 19 19 19 19 19 19 19	0-58 -47 -53 -62 -64 -54 -64 -64 -64 -65 -60 -65 -79 -73 -62	0.70 -51 -68 -69 -63 -47 -48 -45 -61 -67 -70 -70 -71 -73 -68 -68 -73 -85 -80 -70	76 76 78 78 73 73 67 65 73 75 88	63 79 75 77 77 69 59 61 74 70 75 83 73 82 78 77 75 69 67 77 75 69 69 61 78 78 78 78 78 78 78 78 78 78 78 78 78	0-84 -70 -66 -77 -74 -75 -75 -75 -75 -75 -75 -75 -75 -75 -75	0-84 	73 85 83 81 -4 774 80 86 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	0-87 -78 -83 -80 -76 -80 -80 -80 -80 -80 -80 -80 -80 -80 -80	0-86 -88 -87 -86 -85 -76 -83 -85 -70 -83 -85 -70 -83 -85 -70 -83 -91 -91 -92 -90	• 0-86	0-86 -67 -83 -85 -86 -70 -76 -86 -87 -86 -87 -70 -88 -87 -77 -89 -93 -93 -90 -90	**************************************	0.82 89 89 86 86 70 70 82 82 83 78 82 78 82 79 82 79 83 83 79 96 83 83 83 83 83 84 86 86 86 86 86 86 86 86 86 86 86 86 86	0.87 88 86 85 85 79 67 73 82 82 88 80 88 80 87 75 89 89 88 88 88 88 88 88 88 88 88 88 88	0.85 -86 -77 -76 -75 -74 -81 -87 -81 -82 -83 -78 -88 -88 -88 -88 -88 -88 -88 -88 -88	0-81 -74 -68 -69 -61 -62 -64 -63 -72 -75 -82 -82 -82 -77 -78 -82 -82 -82 -77 -78 -82 -82 -82 -82 -82 -82 -82 -83 -83 -83 -83 -83 -83 -83 -83 -83 -83	0.755 -67 -62 -02 -81 -58 -66 -54 -63 -71 -75 -75 -70 -75 -75 -70 -75 -75 -70 -75 -75 -75 -75 -75 -75 -75 -75 -75 -75	0·70 ·64 ·57 ·54 ·54 ·54 ·55 ·66 ·67 ·64 ·71 ·64 ·78 ·68 ·78 ·68 ·78 ·78 ·78 ·79 ·79 ·70 ·70 ·70 ·70 ·70 ·70 ·70 ·70	0.63	0-60 -57 -51 -51 -50 -48 -50 -60 -60 -60 -65 -65 -65 -65 -65 -65 -65 -65 -65 -65	0·55 ·54 ·50 ·48 ·47 ·47 ·47 ·60 ·60 ·44 ·56 ·56 ·59 ·51 ·56 ·56 ·56 ·56 ·56 ·56 ·56 ·56	0·53 ·53 ·54 ·46 ·45 ·46 ·44 ·45 ·56 ·58 ·56 ·58 ·56 ·58 ·56 ·69 ·61 ·62 ·63	0-195 	0·49 ·66 ·50 ·67 ·64 ·43 ·45 ·49 ·61 ·57 ·61 ·63 ·61 ·67 ·61 ·68 ·61 ·67 ·68 ·67 ·67 ·67 ·67 ·67 ·67 ·67 ·67	0737-690-711-700-714-71-70-75-73-7-74-70-75-74-70-75-74-833-75-75-75-75-75-75-75-75-75-75-75-75-75-
Means.	-593	8 -66-	4 -717	75)	-779	-794	-800	-824	-847	-845	8-843	*816	*840	-839	-817	-755	- 704	-647	·615	-586	*565	•551	*558	-576	0.723
181. 181. 181. 181. 181. 181. 181. 181.	In. 0*871 -732 -882 -791 -832 -883 -717 -694 -623 -723 -777 -878	In. 0-918 -759 -917 -942 -939 -723 -704 -647 -795 -858 -861	945 915 911 934 776 731 679 862 874	·811 ·955 ·913 ·910 ·947	-862 -933 -929 -848 -957 -942 -814 -763 -900	941 940 955 829 941 -962 818	970 962 872 930 	In. 0-901 -916 -973 -987 -893 -924   	-891 -975 -955 -938 -917 -797 -902 -925 -968 -918	965 -965 -789 -842 -912 -928	-916 -912 -932 -893 -789 -781 -898 -876 -908	·917 ·916 ·927 ·917 ·891 ·771 ·766 ·879 ·915	-921 -830 -913 -903 -763 -757 -840 -868 -922	910 910 910 900 790 700 721 828 864	911 -805 -815 -907 -751 -688 -731 -796 -876 -918	9 -876 -776 -776 -776 -716 -716 -716 -716 -7	9 -771 9 -776 9 -940 	-836 -727 -750 -895 -686 -675 -688 -688 -675 -735 -891	-821 -736 -871 -766 -675 -671 -693 -737	0-831 -835 -765 -749 -881 -714 -683 -686 -689 -745 -905	0 791 5 806 5 776 9 768 1 881 	-789 -777 -772 -839 -684 -662 -685 -739 -886	-863 -779 -791 -841 -660 -693 -653 -717 -739 -919	- 821 - 786 - 791 - 846 686 - 717 - 654 - 727 - 759 - 897	In. 0-85 -85 -86 -86 -88 -82 -76 -74 -76 -83 -89
14 15 17 18 18 18 18 18 18 18 18 18 18 18 18 18	-865 -857 -897 -870 -792 -776 -752 -716 -855 -908 -937 -927	*878 *899 *897 *897 *829 -788 *819 *863 *898 *876	-909 -920 -942 -926 -902 -852 -867 -876 -892 -809	958 -866 -973 -916 -909 -861 -823 -819 -895 -895 -895	-990 -879 -710 -849 -924 -857 -833 -811 -998 -853 -913	-979 -804 -9750 -916 -932 -906 -831 -877 -918 -896 -824 -921	973 -762 -738 -907 -935 -879 -843 -923	-962 -9721 -885 -928 -907 -847 -951 -905	-977 -800 -714 -878 -954 -924 -911 -918 -945 -880	913 951 757 842 934 	928 924 788 799 806 913 		-924 -902 -765 -808 -877 -860 -871 -899 -923 -853 -871	·903 ·799 ·803	-913 -826 -824 -829 -883 -874 -673 -841	· 915 · 830 · 857 · 823 · 897 · 683 · 730 · 819 · 909 · 836	936 -874 -857 -856 -856 -688 -721 -835 -905 -798	*851 *840 *850 *847 -721 *661 *885 *885 *818 *916	·851 ·864 ·846 ·714 ·677 ·867 ·908 ·829 ·924 ·951	*827 *841 *819 *714 *661 *859 *850 *894	720 859 790 601 719 677 815 879 899 899 889	*808 *858 *868 *769 *775 -711 *701 *818 *890 *884	*880 *858 *768 *788 *787 *775 *850 *850 *926	*903 *841 *784 *789 *738 *732 *859 *910	.900 -900 -844 -822 -844 -877 -800 -777 -866 -899 -898 -888
99 30	-962 -899	·989			·989		·910	1.003		*865 1*023	1014	·827 ·901	822	·\$11		.850	•913	.908	.987	947	909	.896	•899	·916	194

<sup>.</sup> The numbers in these Columns are not observed, but interpolated for the sake of obtaining the daily means.

Rest T	PB little.	Noo	a. 1			3	4	6	0	7	8	9	10	11	12	13	16	18	16	17	18	10	90	21	28	83	
Meas To	ine.	P. M. h. m. s 41	h.u	1 %	n. h	m 41	h m.	h m. 9.41	h m- 10.41	ñ.H	b. es. 18. e1	h, m 13. 41	h m	13. 41	ь п. 16. ci	h m.	h. m. 18 41	h. m. 19. ol	25. EL	sì. ei	n el	20. 64	b. m. 0. 41	ì n	1,41	i, n	Buly as Month! Month
HUMIDITY OF THE AIR OCTOBER 1851.	1934 456 7789 101118 1514 114 119 201 219 224 229 244 285 287 289 303 31	0 - 688 - 557 - 747 - 757 - 750 - 558 - 548 - 559 - 748 - 758 - 748 - 758 - 748 - 569 - 56	778877-77777	7005 77400 545 845 845 845 845 845 845 845 845 845	83 5 6 6 7 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7	846683 899996442 87307833 8994789 67301877	0-85-86-83-88-56-8	0-866 -876-866 -838-890 -916-867 -848-890 -890-80 -890-80 -80 -80 -80 -80 -80 -80 -80 -80 -80	0 58 58 58 56 57 91 89 88 88 86 86 91 89 91 89 91 80 80 80 80 80 80 80 80 80 80 80 80 80	0-88 -897 -777 -85 -916 -86 -86 -86 -86 -86 -86 -86 -86 -86 -8	08198790 - 85899 - 858	0-87 -777 -91 -94 -89 -85 -85 -85 -85 -85 -85 -85 -85 -85 -90 -90 -87 -76 -85 -86 -86 -86 -86 -86 -86 -86 -86 -86 -86	083 -944 -777 -811 -809 -858 -858 -858 -858 -859 -909 -93 -91 -91 -91 -91 -91 -91 -91 -91 -91 -91	**************************************	-94 -87 -91 -93 -01 -93 -88 -89 -88 -91 -91 -91 -88 -95 -91	0-83 90 89 -54 91 95 -86 86 87 -96 89 -91 -92 -81 82 -91 -87	0 68 68 68 69 1 68 68 69 1 68 68 68 68 68 69 1 68 68 68 68 69 1 68 68 68 68 68 68 68 68 68 68 68 68 68	0 84 - 89 87 85 86 89 90 90 90 84 - 84 88 86 87 88 86 88 88 88 88 88 88 88 88 88 88 88	0 70 777 - 89 - 82 - 83 - 84 - 70 - 64 77 8 80 - 82 77 6 86 - 78 78 60 - 78 77 8 80 - 78 8 80 - 78 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	076 -71 -75 -78 -78 -68 -68 -68 -68 -72 -74 -72 -72 -86 -74 -72 -85 -86 -86 -86 -74 -74 -85 -86 -86 -86 -86 -86 -86 -86 -86 -86 -86	0-70 -55 -79 -70 -70 -70 -70 -75 -64 -63 -60 -63 -70 -71 -73 -77 -72 -64 -60 -66 -66 -66 -66 -66 -66 -66 -66 -66	0.700 -188-63 -72-666-601 -71-61 -63-638-688-71-70 -78-779-881-888-78-73	0-64 -69 -64 -67 -66 -67 -68 -69 -60 -67 -67 -68 -69 -69 -67 -67 -67 -67 -67 -67 -67 -67 -67 -67	0 84 70 71 - 65 65 65 65 77 64 80 68 71 75 64 87 78 88 55 71 75 64 87 75 88 55 97 71	0 547 711 767 7737 760 855 655 658 653 773 653 653 653 653 653 653 653 653 653 65	0-61-74 -71-71-71-71-71-71-71-71-71-71-71-71-71-	0777
Mean	5.	-684 In	75) In.	-76			823 In.	-8 s l	-553 Tu.	_	-869	-87 4 In.	873 In	·881	-895	-893 In	·877	·841	·784	·740	-691 In	-667	-845 In	-636 In.	-634	-652 In.	0.78
OCTOBER 1881.	12345678901112345678911123456788890	984 994 1001 906 -860 939 938 838 838 838 813 -865 817 -877 -879 -879 -879 -879 -879 -879 -87	907 1007 1007 1007 1007 1017 1017 1017 1	91 91 85 85 91 91 85 65 65 65 65 65 65 65 65 65 65 65 65 65	1100-01-98-00-98-98-8-3-78-8-8-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-	007 35 008 008 009 009 009 009 009 009 009 009	043 0994 9996 9997 900 041 937 970 970 970 9835 880 970 9837 970 9837 970 970 970 970 970 970 970 970 970 97	101s 0935 1008 1008 933 932 932 932 932 932 932 932 932 933 932 933 934 932 933 934 932 933 934 932 933 934 932 933 934 934 935 935 936 937 938 938 938 938 938 938 938 938 938 938	1015 1009 0990 1000 0990 1000 0990 940 940 940 940 943 878 872 948 8878 874 8883 708 663 719 770	**************************************	-939 -945 -850 -850 -850 -850 -850 -917 -947 -947 -947 -947 -856 -856 -856 -856 -856 -870 -870 -715 -715 -715 -715 -715	**************************************	882 917 871 872 678 741 869 750	990 889 828 828 823 796 877 878 879 851 8528 889 988 889 988 700 7734 7738	947 919 -339 -838 -838 -838 -838 -912 -855 -889 -936 -851 -875 -854 -728 -728 -728	-899 -913 -794 -827 -886 -803 -873 -873 -873 -873 -873 -873 -873 -87	910 941 	-994 -875 -883 -772 -883 -772 -891 -970 -878 -878 -887 -887 -910 -848 -743 -775 -775 -775 -775 -775 -775 -775 -77	-875 -864 -797 -753 -714 -818 -739	891 994 932 817 -843 -784 822 -947 -849 -918 887 887 887 887 887 887 778 887 7778	-900 -954 -875 -811 -885 -929 -530 -821 -767 -880 -845 -845 -857 -867 -945 -925 -748 -748 -748 -748 -748	**************************************	980 -888 870 923 891 -789 -846 814 850 850 987 859 987 755 987 7755	0 ft. 1 1000 0 51 1 1000 0 51 1 1000 0 51 1 1000 0 51 5 1 5	0 851 1 000 997 -019 -015 -019 -015 -015 -015 -015 -015 -015 -015 -015	-	0 9373 - 9232 - 9232 - 9232 - 9232 - 9232 - 9232 - 9322 - 9322 - 9322 - 9322 - 9322 - 9322 - 9322 -

<sup>\*</sup> The numbers in these Columns are not observed, but interpolated for the sake of obtaining the daily meson.

Gottingen denn Time.	Noon	. 1	2	8	4	5	6	7	8	9	10	11	12	13	11	15	16	17	18	19	20	21	28	28	
Madras Mean Time.	P. M. h m. 4, 41	h m.	b m. 6 41	h m. 7. 41	b.m. 8 41	h m. 9, 41	h m. 10. 41	h,m. 11,41	h. m. 12.41	h.m. 13. 41	h. m. 16 41	h, m. 15 41	h m 16 41	h. m. 17, 41	h m 18 41	b. m. 19. 41	h. m. 20. 41	h.m. 21.41	h. m. 22,41	h. m. 23 41	h. m. 0. 41	h m 1,41	b m. 2 41	h. m. 8, 41	Mont Men
1	0.85	0.84	0.84	0.82	0.82	0.85	0.85	0.85	0.87	•	_	•	_	_	_	_	_	_	_		_	_	_	_	_
3	-	-98	.96	.96	.96	.95	95	.93	-97	.94	0·99 ·91	0.99	0.99 .91	0.97 .92	96	0.92	-95	0.93	0.90	0-90 -96	91	0.94	0.94	0.96	0.90
4 5		·97	·97	·99	·95	·95	·94	·92	·95	·94	·92	·91	·90	·91	·91	.94	-92	·91	-96	·98	·98	·92	·91	·91	·94
6	·90	-91	·88	·86	·91	·87	90	·96	·99	·98	·96	·96	·96	94	90	·88	·87	·82	·79	·76	·76	-72 -68	·74	·83	·87
8	-79	-84	-89	.91	.90	-88	.91	-92	-92	.91	-90	-89	-89	.91	.90	-88	-80	-77	-77	-76	-76	.76	-75	-77	-84
ž 10		.84	·84	·87	·88	·83	·85	·88	·88	·89	·90	·89	·88	·88	·88	·88	.86	·79	·80	-78 -78	·78	·76	·77	.79	-8-
a 🛱 12	-80	-82	.84	-85	-85	*85	.87	*86	-82	.88	-83	*84	.85	-87	.87	.83	.76	.73	.69	.72	.71	.71	.70	·81	-81
= 13 = 14	.78	·80	·80	·80	·83	·80	·80	·89	·81	·84	·86 ·90	·85	-84	·87	*86 *85	·85		·80	·76	·78	·75	·76	·79	·83	·81
NOVEMBER 100 120 120 120 120 120 120 120 120 120		-96	.97	-98	-96	.86	-97	-96	-96	-93	-90	-92	.95	.91	-88	-93		-87	-88	-88	-83	-81	-83	-84	-9
NOVEN 10 10 10 10 10 10 10 10 10 10 10 10 10		·86	*86 *88	·87	-88 -88	·88	·90	·91	-90	·93	-96	96	-98	·95	94	·92		·88	·86	92	·83	*83 *88	84	·95	-81
Z 19		88	·90	·93	*96 -88	96	·95	97	·89	-89	-88	-89	·90	•91 •98	-91	·91	.88	·84	·84	·82	·80	·78	·78	·79	·8
21	.78	'81	*84	-84	.87	·86	·87	·88	.91	.92	.93	.93	.93	-95	.94	.91		-80	.77	.77	.78	-77	.77	.78	-8
23	-81	_	-87	_	-89	_	-	_	.90	-91	-91	.93	.93	-96	-96	.92			-80	.76	.76	.76	.78	.78	-8
24 25	·91 ·78	·85	88	·92	·93	·92	·91	·95	94	·96	·97	·97	.93	·98		-91	.77	·81	·75	·75	·74	·74	·76	·78	·8
26 27	·72	·74	·80	*85 •75	·86	·88	·86	·90	·90	·91	·91	·90	·90	-94	·93	*83			·69	·84	·82	64	·62	-84	-7
28 29	·61	·64	·71	·72	·64	·63	·86	·75	·74	.81	.87	-88	-89	.90					-68	-64	-63	-62		64	.7
30	-	_=	-	-	-	-	-	-	-	.79	*82	·81	.80	·81	-84	-82	-81	*82	•78	-81	•74	.72	.70	.71	.7
Means.	1.808	.834	-851	-887	-864	866	·871	.883	-886	-898	905	905	.907	·913	.908	.883	*846	-812	·793	.738	.775	.772	-774	.798	0.8
1	In. 0 848	In. 0-837	In. 0-845	In. 0-814	In. 0 813	In. 0 534	In. 0-823	In. 0 813	In. 0-834	In.	In.	In-	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	Iu.	In.	I
3	845					849		792	-827	0.847 -808	.789	0-860 -788	.787	.789		827	.821		820	.838	851	.854		0 939	0.8
5		·850 ·871			·845 ·819	·852		·857	·867	·822	·791	·787	·784	·804				·822 ·835	·861	·886	·870		*868 *825	·863	·8
8		·785		·742	.759	·706	·703	·740	·757		·753	·786	·779	·770	·743	·740		·735	*784 *835	·790	·807	·787	·814	·900	·7
8				-916	-897	873	-888	898	.880	_	-836	_	-826	_	_	_	-	_	905	-878	873	_	_	-860	-8
		·872			-888	835	-848 -880	·816	.804 ·859	.808	·811	·811 ·848	.811	·804 ·829	.315	·826	.873	.878	·918	902	·890 ·857	878	.852	-864	-8
1851. 1851. 10 10 10 10 10 10 10 10 10 10 10 10 10 1		.872	.846	.858		*841 *848	-862	852	.820	.820	.819	-809	.799	.799	.800	.825	.794	.786	.761	·878	.812		·886	·884 ·786	-8
13				·789				·782		·796 ·858	·808	·794	·783	·814 ·857	838	·823		846	·824	·814 ·830	·819		·823	·841	-8
NEWB 16	837	-841	-852	*849	-855	.851	.813	*829	.849	-832	-815	-818	821	-825	803	1862	-838	-841	923	945	.931	-896	918	-925	-8
17 NOV 18	-891	·871			·875				·876	*877	·877		.846			.885	.914	919	1928	946	·981	.963		.961	-8
	-892	*885	.883	-894	-907	.895	.877	.882	813	-809	.804	.807	.810	-806	.818	-866	-892	*887	.914	.915	.892	.891	.885	.879	·8
20 21	18 55	·858	-845	.833	·869	.833		.832			·877	·879		·874	864		913			·861 ·898	·874	·869		·863	-8
22	_	867	-888	-885	·873	.863	·875	*854	-888	-842	-846	$\overline{}$	-848	-850	-862	-891	-879	-898	-922	917	-9+0	-941	-952	941	-8
24 25		·925		·922	·914	·892	·873	·877	869		·882			·863			.919				·875		877 -770	·894 ·790	-8
26	.781	.768	-805	-845	851	-859	-827	-843	.838	.839	.839	*828	.818	.820	.807	.804	.794	.794	.778	.729	.699	.719	693	.705	.7
0.5		.699	.719			687	.873	.883	.697	·710			.711				.754				+648		.600	98	.6
27	-616	.608				.560		.641	.601	.641	.680	676	672	.663	624	.613	-582	.599	.632	.630	.632	.646	.653	.634	.6
	-616			·648 ·701				705	·694	-703	-	-	·672	_	_	_	_	-841	-	·630	-	-	_	·634 ·793	

<sup>.</sup> The numbers in these Columns are not observed, but interpolated for the sake of obtaining the dialy means.

				н	MID	ITY (	OF T	HE A	IR A	ND '	rens	101	OF '	гне	ATM	OSPI	ERIC	C VA	POU	R.					
Gottingen Monn Time,	Noon.	1	3	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily an
Madras Mean Time.	P. 31. h. m. 4. 41	h. m. 5. 41	h. m. 6. 41	h. m. 7. 41	h. m. 8. 41	h. m. 9.41	h. m. 10, 41	b. m. 11. 41	h. m. 19. 41	h. m. 13. 41	h. m. 14. 41	h. m. 15. 41	h. m. 16.41	h. m. 17. 41	h. to. 16. 41	b. m. 19. 41	h m. 20 41	b. m. 21. 41	h. m. 22, 41	h. m. 23. 41	h. m. 0, 41	h. m. 1. 41	h. m. 2, 41	h. m. 3. 41	Month! Means.
1 2 8 4 6	·78 ·77 ·78 ·68 ·69	6.84 -82 -82 -79 -72 -71	0·88 ·83 ·82 ·76 ·73	0.86 .87 .85 .80 .75	0.88 .86 .80 .73	0.85 .86 .87 .80 .80	0.85 .86 .89 .80 .33	6·87 ·86 ·89 ·83 ·86 ·86	0.87 -94 -91 -86 -85	·95	0-89 -95 -90 -58 -87	0.90 .94 .91 .82 .88	0·92 ·94 ·92 ·79 ·90	·92 ·95 ·80	0.94 -92 -96 -80 -90	5·93 ·93 ·91 ·74 .85	0·87 ·88 ·88 ·71 ·76	0·77 ·86 ·80 ·71 ·68	0·78 ·80 ·74 ·70 ·66	0.76 .74 .72 .87 .65	0·76 •71 •78 •68 •63	0·76 ·71 ·74 ·67 ·64	0·75 ·78 ·74 ·65 ·64	0.76 .76 .77 .66 .65	0-841 -851 -845 -787 -770
THE AIR 1831.	·65 ·60 ·67 ·61 ·67	·73 ·68 ·65 ·57 ·65 ·72	-78 -69 -68 -56 -68	·65 ·63 ·70	·67 ·63 ·59 ·69 ·79	·82 ·66 ·87 ·60 ·70 ·76	·65 ·68 ·68 ·76	·68 ·62 ·68 ·73 ·73	·83 ·73 ·67 ·67 ·77 ·80	·85 ·72 ·68 ·68 ·79	·85 ·71 ·68 ·69 ·81	·67 ·68 ·65 ·72 ·81	·39 ·66 ·82 ·76 ·82	·87 ·70 ·64 ·78 ·81	·92 ·66 ·86 ·80 ·82	·87 ·64 ·63 ·74 ·81	·79 ·60 ·60 ·71 ·80	·68 ·52 ·55 ·65 ·73	·62 ·62 ·53 ·60 ·67	·61 ·52 ·63 ·65 ·65	·60 ·54 ·61 ·67 ·64	·61 ·56 ·51 ·68 ·64	·62 ·68 ·65 ·58 ·63	-65 -65 -65 -65	·762 ·636 ·610 ·647 ·720
DECEMBER	80 177 179 176 176 176 176 176 176	·85 ·82 ·81 ·77 ·57 ·63		·88 ·86 ·83 ·79 ·65 ·68	·88 ·87 ·87 ·80 ·63 ·70	·83 ·87 ·84 ·79 ·76 ·68	·91 ·87 ·87 ·78 ·77 ·70	·97 ·91 ·87 ·81 ·81	·97 ·92 ·90 ·84 ·80 ·72	·95 ·92 ·90 .86	·92 ·92 ·90 ·88 ·73	·92 ·94 ·93 ·89	·92 ·96 ·96 ·91 ·86	·95	-95	·91 ·92 ·90 ·87 ·85	·88 ·87 ·86 ·81 ·78	·85 ·80 ·78 ·67 ·68	·80 ·77 ·75 ·66 ·63	·77 ·77 ·72 ·63	74 74 71 62 58	·73 ·74 ·72 ·65 ·59	·73 ·78 ·73 ·57 ·61	·74 ·74 ·74 ·69 ·68	-813 -865 -863 -886 -770 -712
OH 25	53 54 54 554 553 669	·57 ·58 ·59 ·65 ·62 ·67	·65	-68	·60 ·72 ·73 ·87 ·74 ·76	·60 ·74 ·77 ·66 ·79 ·76	-60 -75 -77 -60 -73	·59 ·76 ·77 ·68 ·80 ·74	·82 ·77 ·82 ·71 ·81 ·80	·63 ·77 ·83 ·78 ·88	·77 ·84 ·76 ·84 ·76 ·84	·77 ·65 ·77 ·82 ·75 ·82	·66 ·79 ·80 ·76 ·81	·72 ·80 ·82 ·77 ·79	·78 ·81 ·83 ·81 ·79	·74 ·77 ·80 ·75 ·74	·68 ·73 ·76 ·70 ·70	·61 ·62 ·86 ·65 ·67	·59 ·55 ·53 ·59 ·57 ·63	·65 ·65 ·66 ·67	.23	·52 ·52 ·55 ·51 ·53 ·65	·62 ·59 ·64 ·50 ·54 ·65	·53 ·55 ·62 ·67	-672 -607 -677 -696 -652 -718
29 86 31 Means.	·65 ·84 ·57	·87 ·66 ·59	·67 ·63 ·717	·69 ·68 ·67	·67 ·63 ·70	·68 ·66 ·69	·64 ·65 ·69	·65 ·70 ·70	·70 ·69 ·70	·77 ·71 ·71 ·71 ·71	·74 ·71 ·72 ·71 ·813	·76 ·76 ·78 .75	·78 ·82 ·72 ·79	·82 ·75 ·74 ·81	·75	·82 ·80 ·70 ·74	·80 ·76 ·59 ·67	·76 ·68 ·50 ·89	·61 ·68 ·53 ·86	-56 -60 -64 -58	·60 ·56 ·52	-55 -60 -56 -53	·59 ·61 ·55 ·66	*81- *54 *45	·715 ·685 ·643 ·665
1 9 8 4	-858 -839 -328 -715	·359 ·856 ·815 ·723	·846 ·843 ·827 ·738	·848 ·789 ·727	·880 ·846 ·800 ·740	·861 ·856 ·738 ·756	·858 ·860 ·782 ·738	.735	·882 ·859 ·813 ·730	.842 .808	·877	·664 ·826 ·766	·851 ·829 ·733	·848 ·842 ·725	·862 ·879 ·899	·883	·900	.907	·876 ·356 ·762	·8 ·5 ·854		·862	840	In. 0.860 -861 -851 -711 -699	In. 0.864 .885 .853 .768
200 E	-697 -668 -619 -682	·712 ·707 ·850 ·627 ·538 ·613	-721 -640 -621 -511 -612	·724 ·837 ·610 ·566	·536 ·523	·720 ·712 ·603 ·598 ·533 ·602	·691 ·593 ·566 ·570	·613 ·560 ·580	·623	·678 ·697 ·570 ·532	·678 ·590 ·561 ·544	·678 ·572 ·543	·679 ·555 ·522 ·559	·657 ·571 ·533	·701 ·355 ·553 ·561	·758 ·687 ·555 ·564	·886 ·595 ·671	·728 ·658 ·543 ·556 ·601 ·672	·635 ·563 ·553	·666 ·559	·586 ·564 ·598	·538	-697 -670 -602 -577 -597	·713 ·680 ·609 ·569 ·590 ·662	-717 -685 -597 -571 -571
SECEMBER 1851.	-841 -798 -823 -791 -562	·754	-848 -837 -812 -780 -560	·828 ·817 ·769 ·587	·756	·8 29 ·798 ·740 ·639	*844 *819 *808 *735 *634	-882 -836 -793 -742 -649	·83 + ·803 ·753 ·637	·825 ·812 ·753	·815 ·815 ·818 ·752	·813 ·315 ·828	·811 ·816 ·336	·821 ·803 ·820 ·735	·827 ·829 ·817 ·736	·841 ·846 ·850 ·745	·860 ·857 ·831 ·754	·838 ·329 ·663	·841 ·839 ·313 ·682	.781	·839 ·782 ·676	·810 ·844 ·782 ·600	790	-854 -799 -819 -780 -609 -639	·770 ·837 ·829 ·811 ·722 ·622
TENSI DEN DEN DEN DEN DEN DEN DEN DEN DEN DEN	-527 -527 -539 -586 -510 -575	·514 ·570	-535 -571 -573 -561 -598	·586 ·551 ·619	·809 ·568 ·588	·557	·820 ·574 ·833	·593 ·813 ·560 ·643	·813 ·538 ·695 ·845 ·637 ·644	·542 ·580 ·647 ·643	·546 ·564	·564 ·615	·664 ·581 ·543	·552 ·559 ·579	·589 ·578 ·581 ·561		·628 ·646	·604 ·604 ·612 ·607	·570 ·643 ·585 ·570	·652 ·670 ·569	·571 ·345		·546 ·663 ·514	-527 -540 -568 -521 -583 -611	-612 -550 -575 -539 -537 -809
97 99 29 80 31 Means.	-847 -629 -560		.578	-638	637	·603	·588	-628	·670 ·630 ·636 ·588	865 625 628 592	·819 ·620 ·598	.603	·659 ·643 ·612	·802 ·640 ·597	·623 ·647 ·573		·681	·602	·682 ·644 ·809	·838 ·689 ·637	·629 ·579	·636 ·580 ·643	-629 -642 -557 -569	·649 ·618 ·542 ·598	-649 -631 -600 -682

. The numbers in these Columns are not observed, but interpolated for the sake of obtaining the daily means.

Gottingen Mean Times.	Noon	1	2	3		5	6	7	8	9	10		10	13	14	15	16	17	10	19	20	21	22	23	ž (		1
Meau Time. Madras Mean Time.	P. M.	h. m. 5. 41	h. m. 6. 41	h. m. 7.41	b. m. 8.41	h m. 9.41	-	h.m.	h m. 12.41	h m. 13. 41	h. m. 14. 41	11 11.41	1.2 h. m. 16. 41	h.m. 17.41		h. m. 19, 41	h. m. 20 41	h.m. 21.41	18 h. m. 22.41	b. m. 23. 41	h. m. 0.41	b. m. l. 4l	h. m. 2, 41	h. m. 3. 41	Derly and Monthly Monte	Menu	
DIRECTION OF THE MIND.  1	parts 5 5 4 3 8 4 4 3 3 5 5 5 8 7 4 6 5 3 3 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	P.233327453346864663444444564556	P. 25582653434459636443544444653657	p.016399734946598364435444455653748	P.2532073424670945544445553648	P.254016442477119455446544554648	P.2554031653114761174555444454058	P.1 5 4 1 1 3 1 4 6 2 1 4 7 6 1 8 4 5 5 6 4 4 5 5 5 7 5 8	P. 1355031977930378184555554455337767	P.0 5 5 2 8 0 3 0 9 7 3 1 1 8 4 6 5 5 5 1 \$ 6 6 6 4 4 4 4 4 4 3 1 3 8 7 5	P. 25 25 25 25 25 25 25 25 25 25 25 25 25	P. 30 28 28 30 29 28 31 29 28 28 29 28 30 29 28 30 30 30 30 30 4 4 5 5 5 6 6 6 6 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8	P. 30 30 28 28 28 29 29 29 29 31 31 31 31 31 5 5 30 31 31 5 5 30 31 31 5 5 30 31 31 5 5 30 31 31 5 5 30 30 31	P. 30 28 28 28 28 29 29 29 28 23 31 31 23 28 31 7 29 30 31	P. 28 28 28 29 29 29 20 28 27 23 21 31 31 31 31 31 22 29 29 29 20 31 31 31 31 31 31 31 31 31 31 31 31 31	P. 28 29 26 29 26 29 27 23 1 1 4 29 25 31 25 28 29 26 24 29 31 31 1 25 3 28 31 31 31 31 31 31 31 31 31 31 31 31 31	P. 28 28 31 29 26 29 29 23 31 5 4 31 31 1 5 28 29 27 28 30 1	P. 0 28 6 1 30 3 3 1 30 1 3 2 1 4 5 5 5 8 4 6 6 4 7 6 4 2	P.0864642421010107364444545767557854	P.87546644107455646557857	P. 8754554431148889645564665578667	p.765474435471011555444445755557787	P.7744844354788554444444755556777	P.7744844554555554444466655567777	13 13 126 19 10 10 15 17 17 13 35 50 23 36 36 36 36 36 36 37 44 44 44 44 44 52	nbe nxe xbe xbe xbe xxe xbe xxe xxe p p p nxebx xebx xebx xebx xebx xebx xebx xeb	* The Observations of the 18th, 18th are emitted from the heartly and delly Mana
Hourly Means,	51 Nube	47 NE	47 82	49 -	48 NE	49 NE	48 #8	48 #E	44 NE	31 mabn	20 888	0	311 0	337 NAW	326 326	325 nwbe	312 nns	97 NNE	85 NESE	55 NEUE	57 Naba	59 mabs	o 58 male	57 NE be	} }30	nebn	
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• 2 10 Squall,

a In disorder, The wire connection of the Pressure Plate broke

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## MADRAS, 1852.

METEOROLOGICAL OBSERVATIONS.

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Setting can Tu Madra can Tu	_	P.M. b.m.	h. m. 5.61	h, m. 6.41	h. m. 7.41	h. m., 8.41	h. m. 9,41	b. m. 10.41	h. m. 11.41	h.m. 19.41	h. m. 13.41		b. m. 15.41	b. m. 16.41		b. m. 18.41	h.m. 19.41	b. m. 20,41	h. m. \$1.41	h. m. 19.41	h.m. 93.41	b. m. 0.41	b. m. 1,61	b. m. 8,61	h. m 3.41	Parly and Monthly Means,
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	1 2		0-949 -989	0'969	0 996 1 043	1-019	1.017	1 1009	-056	1-049	0-979 1-083		0959 1 006	0968	0-974	1-010	1.038	1089	1-ces -053	1049	1.034	1.009	0 963	0-961 1982	0957	0.995 1.033
	3 4 5	980	986 959 947	0968 -970	022	045 0 996 1 013	·054 ·005 ·018	·044 ·004 ·008	0999	-990 0 980 -985	0 940 •963 •967	0926 0943 •946	0-915 -942 -939	0917 1951 1943	0-931 -961 -958	981 981	0.984 1.013 1.008	*044 *043	·020 ·049 ·047	·011 ·042 ·033	0 997 1 005 005	968	.944		·922 ·921 ·920	0 979 -979 -579
	7 8 9	-929 -889 -889	·938 ·896 ·899	-952 -915 -909	·976 ·942 ·931	955 948 939	-001 0-961 -953 -947		0-987 -941 -936 -927	959 934 920	·939 ·928 ·909	915 919 895	·905 ·904 888	-906 -899 -891	·914 ·917 ·962	·928 ·931	964	985	956 973	994 991	963	959		·891 ·864	·882 ·855 ·858	·\$51 ·\$35 ·915
1853.	10 11 12 13	·864 ·898 ·928	·875 ·909 ·943	·893 ·919 ·957	-919 -941 -980	953	962	939 958 1 006	954	·952	.983	·897 ·940 ·971	.968	928	·915 ·928 ·995	-926 .957	.953 -988 1 040	1.014 -068	1-000 -028 -072	·991 1 018 ·066	964	1 601		·893 920. ·969 ·919	*889 *924 *953 *909	·925
ANUARY 1	14 15 16 17	957 904 857	964 913 873	976 933 890	.915		*018 0-987 *939 *992	0 979 - 935 1-003	922	·946 ·919	.933		927	·969 ·948 ·899	·979 ·957 ·928	952	.038 .038	-061 -006 -013	·068 ·005 ·016	050 0999 1.004	0.956	924		·855 ·869	-855 -880	·92
JANI	18 19 20 21	907	·914 ·915 ·907	·936 ·947 ·940	·956 ·963	974	·986 ·990 ·997	983	971	-958 -964 -984	948	-922 -928 -956	919	926	.969	957 964 961 987	-989 -980 -984 1-009	.028	·022 ·015 ·012 ·038	*005 *026	·995	956 -953 -974	-920 -919 -945	904	.910	-95 -95 -97 -98
	22 23 24 25	935 943 1000	-956 -959 1-016	979	-998		.028	.033	.029	1-011	1 007	1-001	991	991	1.069	1.010	-042 -118	-049 -078	·052 ·082 ·146	-077	055	1.03	1.001	1-027		1.01
	26 27 28 29 30	.021 0-990 1-005 0-979	-006 -021	·018	045 067 023	061 080	·074 ·095	-072 -080 -039	-068 -069	054 0.056	-039 -049 -041	·023 ·026 ·023	-019	-023 -026	·032	.019	·093 ·082 ·043	·121 ·109 ·064	.068	·110	*089 *069 *029	059	0.96	0-975	· 598 · 598 · 973 · 932 · 952	·05 ·04 ·04 ·09
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1882.	7 8 9 10 11 12	-92 -91 -93 -91 -91	5 -93: 1 -94: 9 -93: 1 -92:	95: 95: 96: 96: 96: 96: 96: 96:	978 983 984 1 974	999	1.010	1 013	100	986	969 969 958 958	955 946 946 946	-945 -93 -94 -93	959 937 951 948	*984 *958 *958	1 000 0 100 977	1 030 0 996 1 1 001	·014 ·023 ·019	·034	046 0 018 0 023 0 011	1-00 0-99 -997 -986	·000 0-96 7 ·56 5 •95	-576 5 -53 1 -52 9 -93	915 915 915 916 916	939 911 901 901	
EBRUARY	13 14 15 16	-92	_	96	_	-999	1-00	0.99	98	97	95	.940	93	943	95	974	-001	.018	-033	3 -02	022	. 56	92	3 -916	-858	-91
FEBI	17 18 19 20 21	·90	8 -90 8 -90 1 -91 7 -92	0 ·91 8 ·93 4 ·93 4 ·93	4 ·93; 4 ·94; 3 ·96; 8 ·96;	7 ·95 3 ·96 3 ·98 3 ·98	96: 97: 97: 1 98: 0 0:48	97:	7 ·97 3 ·96 3 ·95	1 ·95 3 ·94 4 ·93	5 ·91: 9 ·95: 1 ·93: 9 ·92:	2 ·900 0 ·94: 0 ·920	93 1 ·93	4 ·939	95	92:	3 -960 3 -997 3 -986	1-01:	·00	3 011	980 c	6 ·55 0 ·54	5 ·53 8 ·59 6 ·86	5 ·51 2 ·50 0 ·85	7 ·91 8 ·85	.5
	28 23 24 25 26	96	9 -98	1 -99 1 -96 8 -92	7 1 00 3 0-98	7 1-01	9 1·03 6 ·()()1 5 0·99	6 -01: 0 0-9;	2 1-02 2 0-92 8 -96	0 100 4 097 3 •94	95 1 -99 7 -96 4 -93	1 ·98: 9 ·96: 0 ·91:	97 1 -95 6 -91	2 ·97 0 ·95 3 ·92	5 ·98! 1 ·95- 3 ·98	010	0 ·045 5 0·99 7 ·985	06: 03:	06 04 01	6 ·05 4 ·02 2 on	9 ·04 6 095 16 ·16 22 ·98	3 '00 2 09 7 '53 0 '54	7 ·97 11 ·94 6 ·16 5 ·5]	5 ·94 3 ·59 7 ·88 3 ·85	6 -93 0 -50 3 -87 0 -88	1 · 0 · 9 · 9 · 9
	27 28 29 30	-88 -88	9 .89	4 .90		94	95	94	1 .92	2 .90	8 .90	2 .89	6 -89	2 .90	91	1 .23	9 .56	8 098		0 0 0	8 '96	1 .55	6 -85	8 -89	0 -88	.5

<sup>.</sup> The Numbers in those Columns are not observed but interpolated for the sake of obtaining the daily Means and the Numbers on the benda of them are corrections of interpolations.

Gottingen Meen Time,	Noon	. 1	1	2	4	3	8	7	8	9	10	11	12	13	14	15	18	17	18	19	90	21	32	93	
Madras Mean Tone.	8. m. 6.91	h. m. 6,41	h. m. 4, 61	3. m. 7.41	b m.	h m Pal	h. m. 10 sl	ù a	h.	h m is ei	14.07	h m. 18.61	h m. te.si	h. m. 17.41	h. m. 18,41	h m. 19.61	h.m. 90.41	gi el	h m	13. sl	b. ss. 0.61	h.m. l.sl	h. m. 2,61	h m Rei	Doily o Mouth Mean
	In.	Īu.	Ia.	In	In.	In.	In.	lo.	In.	Ie.		In.		In.	In.	ln.	In.	In.	Ie.	In.	Ia.	Ia.	Iz.	In.	In
1 2 2 4 5	-870 -845 -851 -878	853 959 869 991	890 865 883		-993 -918 -927 -960	-935 -936 -936 -973	-938 -993 -233 -961	1921 1913 1930 1953	-913 -893 -927	-90 -85 -91 -91	978	-897	905	926	138	938 938 985	969 951 1006	953	946 948 984	-941	.913			*847 *843 *879	0-93 -91 -89 -92 -93
8 7 0 9 10 11 19	918 920 975 846 990		-947 -947 -945 -893 -853 -916 -857	973 964 907 899 940	-994 -999 -941 -915	-	1-004 -000 0 901	-998 -980 -949 -920 -947	-984 -967 -919	-928 -968 -946 -906 -905 -905	930 930 898 993	959	-958 -933 -901	-979 -942 -917 -934	-257 -937 -964	1-068 0 998	0.001 0.002 0.003 1.004 1.004	0-977	951 -978 -978	1 916		-921	918 933 991 845 888 870	917 919 950 844 856 865	-94 -97 -95 -91 -92 -98
75 14 15 15 16 17 18 19 19 19 19 19 19 19 19 19 19 19 19 19	790 539 -831 758	.815 -884 -837 -781 -808	-835 -679 -434 -791 -922 834	1859 1987 1849 1818 1818	-888 -921 -871 868	-887 -925 -885	·896 ·916	*889 *897 *869 *859	-894 -883 -853 -863 -869	-862 -874 -877 -849 -795 -848	-871 -878 -837 -799 -841	-817 -874 -832 -835	855 887 819 830 841	908 845 939 862	-861 -900	*871 †***	944 950 966 854 938	957	949 949 973 901 895 988	931 939 987 884 994	893 907 567 851 859	875 883 832 918 858	802 847 851 792 797 824	*796 *835 *838 *700 *772 *808	-87: -88: -90: -85: -83: -86:
91 92 93 94 95 98	-814 -807 -818 -751	826 814 869 748 715	-839 -819 -839 -764 -737 -735	-850 -813 -851	-865 352 -870 -728 -778 -787	-590 -877	-886 -875 -880	-889 -864 -870 -793 -786	·871 ·853 ·839	*837 *777 *758	839 517 830 773 748	-849 -820 -823 -781 -733	781 734	-877 -831 -841 -774 -750	864 873 797 784	-923 -855 -839 -813 -799	-937 -919 -919 -819 -819	-915 -823 -811	-897 -815 -801	.785 -776	841 841 740 751 746	*843 *838 *819 *719 *719	*819 *832 *523 *788 *713 *699	1814 1819 1705 1705 1708 1891	-851 -871 -946 -846 -771 -785
28 29 30 31	732	.735	775 752 737	.753	-918 -803 -800	839	-803	-835 -794 -815	-831 -783 -800	-762	-792	-818 -784 -764 -794	789	*803	-828	863	·880 ·879	-849 -877	-868	-839	814	784	744	734 738 738 765	*809 *798 *811
Means. ·	-891	.823	*848	-868	-859	-903	1900	-839	.278	-864	*858	-858	-860	-877	-300	933	-940	941	934	-910	*879	188	-829	-818	0.878
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1 9 8	746	768	777	796 799	.928	834 830	824	817	903 894	792	752	786	791	-800 -800	818	843	865	265	818	-844	814	781	768	748	0-896
5 8 7 8	-865 -842 -837 -800	857	854 891 878 862 835		-81/8 -925	935	907 920 888	-928 -907 -918	891 895 896 906 886 884	·977	-869 -953 -979	-882 -854 -873 -870	-888 -888 -878	-899 -987 -889 -518	857 856 519	943 928 124 943	\$84 \$44 \$40 \$49	246	-988 -941 -938	926. 919 901	.925 -907 -850 -883	865 904 878 867 839 650	888 859 851 817	833 875 850 842 306 805	-881 -858 -859 -858 -891 -689
APRIL 1839.	814 848 862 844 796	-897 545 578 -850 -811	895 899 883	-579 -966 -913 -968 -851	908 933 931 938	939 955 950 946 889	939 948 948 948 945	983 935 940	-108 -924 -924 -524	·104 ·915 ·905	554 583 501 855	-884 -837 -855 -859	-895 -897 -591	501 504 918 504	925 938 948 528	547 558 568	952 574 958	-582 -554 -944	958 977 989	953 953 960 960	937 937 930 588	817 873 108 898 835 827	855 876 888 813	814 847 854 843 799 767	-877 -101 -518 -523 -859 -861
18 19 90 91 93 23	796 798 798 885 885 657	812 740 673 677	875 763 889 888 797	-842 -758 -708 -709 -761	-868 -775 -730 -731 -781	-853 787 743 748 800	-885 -783 -745 -745 -800	784 744 744 744	-877 -773 -725 -738	787 709 731	847 767 816 718	833 780	1840 1765 1706 1737	778 776 752	862 792 746 772	871 911 703 804	830 773 806	-813 -879 -832 -774 -804 -846	861 813 769 793	*880 *830 *789 *740 *785 *821	761 712 741	788 781 781 780 784	750 610 867 706	797 739 671 880 653 750	-840 -758 -718 -739 -787
25 25 27 28 29 30	759 739 888 713	799 753 897 797	789 789 717 746	-814 -789 -748	883 864 753 784	-853 -819 -750	-859 -218 -789 -793	849	-837 733 779 750	789 781	*807 *749 *748 *741	761 754 748	765 771 788	928 777 791	835 · 758 · 810 · 893 ·	858 838 889	843 865 879	-550	-852 -838 -838 -887	804	813 778 791 816	719 741 754 781 781	753 714 734 754	720	-817 -819 -783 -774 -790

The Numbers in these Culturas are not observed but interpolated for the sake of obtaining the Solly Messa and the Numbers on the hands of thom are recreations of interpolated for the sake of observed.

 1.6

Manual
In   In   In   In   In   In   In   In
1   1   1   1   1   1   1   1   1   1
1
Means. 686 700 721 748 770 782 779 764 746 731 724 725 724 746 785 785 787 782 770 745 721 700 667 074

4 The Numbers in these Columns are not observed, but interpolated for the name of observed the four Manne and the Numbers on the kewls of throw are extractions at anterpolators.

+ 480 it -400 Correct.

Legaraby Georgia

## BAROMETRIC PRESSURE.

Barometer at 32°=29 English inches + the number in the Table.

Gottingen denn Time	Noon	. 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Dally at
Madras dean Time,	5. m. 4.51	h. m. 5.41	h m.	h m. 741	h. m. 8,41	b m.	h, m 10,41	h. m. 11,41	h, m 12,61	h m, 13,41	h, m, 14,41	h, m, 15,41	b m, 16,41	h. m. 17,41	b. m. 15,41	h. m. 19,41	h, m. 20,41	h. m. 21,41	h, m, 22,41	h, m. 23,41	fi, m, 0 41	h, m 1 41	h m,	b, m, 3-41	Month! Means
	In.	In.	In.	In.	In.	In.	In,	Lu.		In.		In.	In.	In.	In.	In.	In.	In.	In.	In.	Iu.	In,	In.	In	I
1 2 3	0 699 -699 -721	697 731	0732 708	0'NO -736 -771	0799 •762 •S20	0798 778 817		787 794	.0.781	759	0755	0740		0'787 '789			0104 767				776	745		705	0·76
4 5 6	·669 ·630	639	·688 ·666	723	746 718	·751 ·734	·755	·751	797 722	767 -709 -710	·749 ·694 ·702	·747 ·693 ·702	752 693 706	760 717 713		786 747 732	739	789 .753 -736	.716	·718	733 698 668	·681 ·642	674 659 613	.600	-75 -71 -89
7 8 9 10	-586 -588 -614	-609 -595 -623	-626 -623 -621 -643	-640	673 659 660 703	681 682 668 713	6:7 678 679 723	·639 ·673 ·671 ·727	677 637 648 717	679 644 639	·635 ·634	634 634	640 640	-680 -661 -647		·701 ·675 ·639	709 690 710		691 706	672 647 699	·647 ·638 ·666	.609 .623	603 602	-593 -616	·66
11 12 13	611	-617 -695	·658 ·719	-682 -743	706 †:soo	727	-	·738	731 763	·716 ·721 ·769	·711 ·716 ·778	·705 ·719 ·773	705 729 775	713 713 750	722 744 812	733 ·757 ·813	·743 ·772 ·812		.762	735 -743 -761	·698 ·720 ·745	701 721		642 676 718	·70
75 15 15 16 17 17 17 17 17 17 17 17 17 17 17 17 17	723 723 694 673	·730 ·720 ·711 ·684	729		752 -802 -774 751	·810 ·809 ·780 ·758		·802 ·510 ·776	.770	·778 ·776 ·752	777 758 738	779 753 741	·788 ·754 ·751	·793 ·773 ·769	793 204 795	796 804 795	·797 ·811 ·774	·798 ·810 •767		772 783 743	·743 ·762 ·729	·719 ·739 ·718		-698 -686	77 77
17 18 19 20	710	702	718	·738 ·758	·760 ·781	-774	_	785		762 -767 -767	754 759	.748	738 751 747	760 768 765	·787 ·786 ·765	788 797 -776	·791 ·827 ·779	-795 :831 :774	-811	784 -800 -746	.706	766 756 857	741	673	7
91 93 93	-663 -698 -664 -672	638 681 692	636	·670	·7:3 ·699 ·731	·736 ·716 ·743	·747 ·726 ·744	734 732 738	713 721 712	·708 ·704 ·700	·706 ·691 ·693	*680 *695	·661	643 709 739	·653 ·725 ·735	661 745 740	·670 ·759 ·752	·670 ·769 ·768	·681 ·757	715 732 743	-698 -718 -723	-708 -686 -717	615 676 688	.663	·6 ·7 ·7
24 25 26 27	·663	669	.689	·716	·741 ·731 ·703	·746 ·709	·750	·741 ·763 ·747	730 754 731	740 745 710	753 740 654	·738	·756 ·743 ·689	·762 ·751 ·706	·773 ·756 ·726	·782 ·768 ·743	·752 ·771 ·766	·801 ·763 ·768		775 734 -742	·745 ·710 ·718	-7±7 -678 -681	695 648 672	664 630	·7
28 29 30	-638 -636	.613	679	·700		733	724	721 755 803	·707	·701 ·735 ·778	·699 ·729 ·777	.694	·695 ·715 ·775	713 719 781	·736 ·738 ·788	754 748 798	·759 ·772 ·803	.754	.773	.768	720 743 764	·693	-664 -706 -726	·643 ·689	·7
Means.	-661	-673	639	-715	•739	-751	.75	750	741	.739	-72	-721	.724	735	748	-758	-767	·768	.757	-744	-722	702	-680	-662	0.7
ULY 31s	02002	o cue	0*701	(rena	0510	0016	oran.	0791		- 1016		- 0000													
i 2 3	613	627	_	-679	·693	·710	715	704	·692	0 727 'CS7 '734	-685	680 724	1581	689	0'698 '710 '757	724 789	737 785	736 783		709 754	689 729	673		.646 665	0:70
5	650 603	656 626	\$ 250 635 -599	723 653 614	688 663	·753 ·710 ·692	·745 ·705 ·703	·697 ·684	·729 ·685 ·679	-719 -667 -674	-712	·705	704		.708	·718 ·695 ·729	.735		724	·715	690 645 708	670	.636	*611 *577 *659	·66
7 8 9 10	-661 -704 -710	·671 ·714 ·716	-683 -720 -730	706 740 751	·734 ·755 ·773	·758 ·781 ·784	·757 ·795 ·789	745 -785 -783	·738 ·768 ·770	·753 ·757 ·765	779	·768 ·750 ·765	.756	784 761 783	·811 ·783 ·809	-825 -802 -838	*829 *812 *843	·823 ·8(19 ·844	·803 ·793 ·832	.783	749 751 780		715	-656 -704 -727	·7:
gi 11 26 12 13	793 723 710	·734 ·742 ·724	755 755 731	·769 ·759 742	·786 ·798 ·761	·757 ·817 ·774	-807 -832 -787	·751 ·8:4 ·775	788 -817 -763	.781	783	.782	788	795 809 769	826 838 791	-851 -822	·854 ·855 -825	-845 -860 -833	·833	·816 ·812	·781	760	·735 ·724	717 708 701	·78
14 15 16 17 17 17 17 17 17 17 17 17 17 17 17 17	723	712	732	745	776 763	·791 ·775 ·754	·811 ·786	-789 -751	·796	760	-805 -755 -653	·807 ·748 ·652	814 746 697	-825 -757 -728	·825 ·760	·836 ·782 ·764	-845 -891 -778	8 11 757 765	.783	-777	758	743	.721	725 700 682	·75
4 18 19 20	675 680 737	673 689 745	·684	·707	.733	746 785	761 760 706 869	-741	-748 -715 -759 -769	·708 ·738	704	.708	·718	726 748 743	·749	.758		783 758 -867	775 790 802	.767	·744 ·778	.734	749	635 727 694	75
91 99 93	·693	749	724	·738	764 816	·778	786	·764	·759	759 787	769 789	765 735	·768	·787 ·813	-897 -825	-839 -839	·851 ·859	-851 -859 -864	.839		.802	777	751	736 743 768	·77 ·75
25 26 27	747 772 789 785	.757 .783 .809		-571	·\$65	·827 ·582 ·895 ·892	*837 *874 *899 *509		·813 ·842 ·878 ·893	839		.840	831 846 877 885	-825 -862 -891 -500	-849 -890 -508 -517	·862 ·509 ·527 ·532	936 129	.911 .931 .918	·858	879	847	.75.5 .833 .896 .812	·818 ·805	-800	·85 ·87 ·86
28 29 30	786	·501	·518	·839	·868	·884 ·843	·890	-S\$\$	·\$69	939	811	804 753	·804 ·754	·810 ·769	-830 -787	-867 -813	-892 -891	-888 -818	-878 -812	852	·823	759 759		752	.83 ·75
Means.	-698	7:2		.755		·80+)	-810	-735		_	-728	·733	-742	753	·771	·785	_	_	_	_		_			0.76

The Numbers in these Columns are not observed, but interpolated for the sake of obtaining the daily Means and the Numbers on the heads of them are corrections of interpolations. ‡ 700 Correct Bain and thunder at that time,

<sup>† 900</sup> Correct V-lt-Rain at that time rejected in the hourly meun,

							Ba	romet	er at					88U)		umbe	r in t	he T	ıble.							
Gotting Mean T	Ξ.	Noon.	1	8	3	4	6	6	7	8	9	10	11	18	13	14	15	16	17	18	19	20	81	62	83	Date a
Madra Mona Tr	me,	b. m 4.41	h re. 6.41	6 m.	h, m. Tel	h, m, 8,41	h m. D st	h. m. 10,61	hħ	h m	b.m. 11,42	b, m. 16 st	b, m,	h. m. 16.41	h m 17 41	h m. In,41	h, m, 19,41	20 44	n,n.	h m. 81,41	h m 10.41	h, m, 0,41	h m Çil	3,41	b.m. 3,62	Dudy to Months Means
	-	In.	In.	In.	In.	In.	In.	In.	In.		In.			In.	In.	ln.	In.	Is.	In.	In.	In.	Iu.	Ia.	Le.	In.	I
	1 9	684	694	719	748	789	-783	.778	.771	765	.741	799	-720	780	.741	765	-777	.789	783	778	.780	733	0725	-681	-670	0.78
	3 4 8	-623	-636	675	889	·758	730	734	718	739 528	-718 -718	730	728	737	746	718	751	-807	·749	759	776	·851	738	717	714	71
	7 8	760	-737 -724 -738	765 780 773	778 785 757	-803 -818 -816		-815 -817		786 -806 -750	·788 ·788 ·770	·780 ·778 ·756	-788	·788 ·774 ·761	793 781 767	·813 ·759 ·788	:009	813	-831 -897	814	-788	762	·788 ·768 ·764	.718	-655 -706 -717	-78 -76 -78
1852.	10	·724 ·893	748 716 711	773	758 774 758	·828 -795	838	-890	*807 *774 *756	788 754 770	784	.745	743	733 782	·758 ·787	787 770	·798	808	614	798	.777	746	790	-701	656	·77
	13 16	347	-665	884	712	·758	748	738	798	713	720 893	-880		-681 -679	-658 -886	707	·729 ·781	·780 ·719	788 788	758	781 -694	*697 *874	-884 -652	697	643	72
EPTEMBER	16 18	-874	834 681 705	-675 -708 -712	-616 -732 -730	754 770	.771	·735 ·768 ·788	.752	718 747 718	-703 -740 -766	738 763	748 761	-768 -763 -772	715 774 783	746 794 803	-597 -597 -830	*791 *830 *838	-750 -331 -830	815	.772	·798 ·749 ·733	-704 -730 -898	-657	-668 -684 -885	-71 -76 -78
SEPT	17 18	-670 -849	876 864	·707 -680	722	710	.763	766	756 754	·742 -741	·710	786	755	-706	·719	·748	·778	783	787	768	749	·718	778	-658	781	-76
	90 91	780	-798	·786 ·817	613	-867	*886	-881	840 878	1833 1854	-818 -647	*818	825	834	847	-877 -878	898	-990	·513	-859	·878	·881	-821 -768	·784	773	-82
	28 24	739	719	736	787 761 786	-807	1794	868	804	·813 ·778 ·791	·758 ·760 ·778	785 760 766		·788 ·768 ·776	792 788 788	-806 -756 -810		833 842 845	885 887 844	-831 -836 -831	-778 -7>8 -811	748 788 780		·723 ·735	719 739	·78 ·77 ·78
	98 27	714	789	748	784	790	899	898	799	791	-802 -778	753	759	·800 •771	368		*838	867	854	805	-778	·763	729	.710	700	79
	98 29 30		.729 .771 818	756	774 834 886	-858	866 857	-861 -861 -890	*807 *858 *888	797 849 884	787 839 876	758 841 873	847	-819 -865 -859	\$58 964	-913	946 946	*936	.924	887 898 818	-828 -588 -883	787 843 858	766 844 818	-803	7 53 -758 -801	-86 -88 -87
Mess	16.	704	718	·743	766	791	-804	-804	794	-780	786	·758	-788	-767	-777	·786	-823	1838	-830	-816	·788	759	-734	711	-703	0:77
	1		0.450	0.00	0.40				0981		-037				0.824	0.000	pere	Pan	0916		0 869	***	0404	024	e TTS	0-86
	3 8	778	575	-828	-861	-876	-585	886	-862	-861	-861	-883	-883	-891	-906	595	940	947	-950	536	-510	-846	-671	-881	880	-88
	8 8	851	-8:7		-548		981	-581	-561	948	937		931	-678	1986	-851	*58L *972 *895	182 184	-977 -978	974	-943 -131 -871	*\$16 *\$68 *858	877	-887 -858 -804	885 663 794	-93 -93
	8 9	664	-805 -665 -700	-678	704 731	*880	-858	*844	-884	-789	.777	•772 •670	.763	-767	.768	-767	.778	786	·792 ·791	·757	734		1650	643	*649 *654	77
	10	-766	-780	-754	-896	846	-881	-856	816	-851			-814	747	-836	-857		*897	852	-883	-858		-606	746	760	·75
1858.	13 14	789 819 831	·800 ·835 833	-848	*843 *881 *855	900	-878 -917	965	914	-900	-814	-898	.888	-854	-858	-918	·926	.540	-919 -941 -943	990	-853	858 874 854	-833 -853 -831	821 839 889	*819 *830 *795	-85 -89
	16 17	804	-808 -808	817	·863 ·849	877	-880	-58] -88]	861	·848	-835	_	-	850	_	-	-	136	_	-878	-834	811	_	·776	786	-86
CTOBER	18	858		-862	·509	923	-927	-51:	1.856	-871	867	-857	856	-868	·856	-901 -897	936	958	·167	943	-916	*806	867	·868 ·793	·853	-89
-	90 81 22 88	*658 *784	*863 *705 *758 *888	731	753 860	-381 -767 -871	765	·777	·788 ·868	·771	·760	-788	.778	789 750 831		-846	*849	874	-810 -860 -140	644 885		738 790 838		767 -807	-690 -776 -811	-50 -75 -84
	84	388	-818	-526	558	-986	984	-565	-981	-655	-656	1/38	924	966	987	.958	.971	0.992	0.002	·988	1947	986	-881	*868	-680 -866	-91 -93
	26 87	-885			.939 -539	950		967	+94.5		.919		-510	-901 -918	-907 -944 -974		-588		-\$79 1 009 -044			947	-872 -918 -951	958	853 908 936	-9.6 -93 -98
	99 30 31	940		971	189	1009	-010	-607	10990	953	969	965	-984	-868	974	-0000	-004	-040	-013	-000	935	.180	941			.61
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	1	0942	0-999	0 975	989	1-000	1000	0 997	0-995 -987	0-921	955	945	939	0:550	0443	0479	Casts	1.008	1-005	1-900	0-979	0 953	0-939	0-814	0-916	0:9
		943	-959	980	1.007	1417	.630	1965	1-068	*593	573	918	-947	-967				-016	-097 -947	-004	-988	965	-539	-922	923	-9
	i	-393	-932	-978	998	1005	-006 -008	.956	911	-953		919	909	1958		-997 -969						963	-527	-134	-518	
	7	-	_	_	_	0.963	_	_	-939	_	-997	919	-912		-991	-941	-005	189	-986		-538	.501	-881	-	-	
	. 9	878	·897	-909	-919	-950	-948	·\$85 ·\$81	-913	-097	-910	-597	1997	907		1983	-957		-575	-959	-533	905	1873 1878		*862	.8
52	10	931	\$47	·854	-881		932	-919 -887	*904 *858	1851	968	*858 *804	1850 1798	-853	873	-888 -871	-909	-521	3.97	-50s	-885 -897	-864	810	-824	-827	-86
H I	12	843	868	855	·910	·593	-939	933	920	-897 -921	-854	873	879	1880	-887	915	-928	-910	952	948	-933	855	859	-835 -839		*8
OVEMBER	14 18			-944		-979		-184	_	-938	'500 '918	985	188]	-889	919	940	580	-810			.961	-539		960	902	-9:
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	20	-880 -881	-890 -897	-938	-828	\$78	987	183	400	917	_	876	_	-888	-906	.923	950	-95g	-584	961	-538	909	-881	.974	873	-5
	92	-978	958	1001	1-016	1 006	1.044	1:000	1-990	1006	974	-982	978	987 976	1999	1009	1000	-037	647	1965		1-011 0-991	987	589 945	960	10
	23 94	-936	943	965	01993 155.5	-005	-018 -015	1-000	1001	991	969	961	959	-563	-979 -971	1-013	-037	-057 -034	643	-917	0.991	161 969	-1.29	-57.5	-912	0.21
	25 98	-839	950	978	-959	-018	-032	034	-635	1-004	-599	971	'988	-978 -917	-991	1-009	1937	-058	-049	-638	-013	-588	589	-948	948	-9:
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Mea	84	895	908	.929	.981	165	-971	-964	-955	-988	918	-906	-508	-508	-922	-344	-9GS	-996	988	-279	-948	-990	-895	-881	-889	-52
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	1	0.810	0 941	0181	0:11	0 915	0100	0:560	0957			0-953	0 679	0:580	0.000	0-900	0:947	0-988	993	0-900	0914	0-914	0.990	0.663	0477	0 97
	8	-859	-878	-887	-901	-318	-529	333													-934 -997					-90
	4	-877	_	-929	-548	-968	-978	973	164	-513		-919	-910	-518	-018	-070	-054	1903	_	_	_	944	_	-893	- 1.	-
	6	-501	-518	936	-984 -957	-990 -987	1911	-599	977	-586	-145	-928 -918	-574	932	-940	-955	-956	-011	-007	0405	-589	-534	-109	216	-000	-51
	8		-523	945	*964	-979 -988	977	974	161	-937	-924	914	-906								-183 -354			854	-894	-91
1852.	10 1t	-872 -859	851	-911	-533	244	-938 -168	-929	524	-515	900	-887	-387	-859	-503	-592	-550	978	697s	988	937	501	-883	-847 -878	888	-91
	12	-978	-	_	-	_	-	_	_	_		938 543	538	951	959	584	1613	1-057	194	1451		953		-536	-981	-12
ECEMBER	14	-935	-944	9935	1-017 0 20s	-031	1635	016	-006	1-004	534	-567	560	-564	-971	-56y -583	11019	1017	010	-009	-595	·562 ·978	-556	14P-	-60.11	-56
CEN	18	-960	-983	-318	-014	-034	453	-033	-019	-014	0-990	951	557	-959	587	-550 -188	-015	.035	031	-052 -025	-013	1007	-958	-5/52 -5/43	958	1.00
DE	17	·949 ·942	554	-567	0.995	-029 -014	-037 011	-0:1 -014	-8:8 -000	983	_	958		_	-981	-875	-508	-435	041	-039	-014	-220	-548	-853	523	-54
	19	-958	978	1,992	1-019	-042	-018	-640	-025	1:017	-556	947 973	-579	-518	P-906	1994	603		-039 -095			1.019			-546 -579	1-01
	21 22	-559	1 006	01940	1003	-0.80	-064 -019	-010	-005	0.000	0.959	-559	-000	-959	0997	013	-638	-063	-058	-045	-018	0-962 1654	-951	-943	-541	-01 0-97
	94		-929	-\$37	17982 1564	9:972	\$65°	0.973	0963 -967	1946 1155		913		-923	-529	150 1949	-183	4000	-601 -614	0.991		-\$30 -\$55		855	-900	-54
	85	-548		992	1016	1901	2000	1 462	1400	974	-573	-978	-565	-979	1994	196	_	_	_	-061	_	_	_	-952		-95
	28				0.995	-966	1010	-009	-	-982	-167	-524	-941	-540	-959	0-963	62503	0499	Desi	67963	0971	0.003				0.96
	97		953																							0.86
			-526 -925	945	955	9971	0964	0 219	-549	.138	-917	-919	-512		917	-532	-563	-988	-588	-573	-567 -954 1-021	-520	-897	878	-687	-92 -97

claind for the sake of obtaining the daily Manus and the Numbers us the brook of their are corrections of a † 782 Cornet.

Gottings less Tu	EB.	Noon	. 1	2	- 6	4	5	8	7	6	9	10	11	12	13	14	15	16	17	16	19	99	51	25	23	
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	3 4 6 6 7 9 9 9	76 5 75 0 76 6 80 2 81 7	78-1 77-5 78-5	78-7 78-6 76-5 77-6 78-7	78-4 75-6 75-3 77-9	75 5 74 8 73 9 78 6 77 8	75-0 74-8 75-6 76-1 77-6	74-4 74-4 75-5 78-4 77-4	74·1 75·5 75·6 74·4 77·4	73-6 73-6 73-6 73-6 73-7 77-6 77-1	78-8 74-8 74-5 75-4 75-4 77-7	76-5 75-6 74-7 75-4 73-2 77-5	78 4 75 5 78 8 74 0 73 3 77 4	763 75:1 72:0 78:7 73:5 71:8	76 4 76 4 70 5 71 0 73 2 72 8	70-0 70-9 73-4 77-1	71-5 71-5 75-8	76-4 78-4 73-6	61:3	50-7 50-3 51-6 51-8 53-6	61 6 80 7 81 8 85 3 85 4	52·2 52·7 63·7	81·7 61·8 89·6 81·5 83·8	83-8 83-3 88-6	75-4 81-5 82-4 84-6	78 77 78 76 77
ANUARY 1852.	11 12 15 14 16 16	81:2 61:0 80:4 81:0	79-6 75-5 78-7 79-6 75-0	_	77-5 77-1 78-6 75-6	77-6 78-6 74-6 74-6	77·1 75·8 76·5	76-5 74-1 72-1 71-8	76:1 76:1 70:1 71:1 73:1	76-4 72-5 70-0	78·1 72·3 69·2 69·8 71·8	78-0 68-6 65-0 71-0	74 8 71 4 65 4 66 5 70 8	78 6 70 5 68 6 68 0 70 0	72 5 70 0 68 2 67 6 69 0	69-7 67-6 97-3 63-6	745 726 706 707 714	74-8	75°2 77°0 76°3 77°8	51°8 81°3 79°5 36°3 80°8	61·8 63·4 83·1	81 8 81 7 82 0 81 2	82.3 82.8 81.0 81.0	81-1 81-9 83-3 83-1	\$2.6 82.6 82.6 83.0	77
NYC	18 19 90 91 \$5 23 24	81-3 51-8 61-7 62-4	79.6	77-1 78-6 78-1 78-6 78-6 78-6 78-7	77.6 77.4 76.0 78.1	72 6	76° 5 78° 6 77° 5	78-6 75-7 77-3	76-6 76-8	753	74-5 73-1 75-2 77-2	74 2 74 2 73 1 7 8 77 0	70.5 68.7 75.6 71.8 74.4 76.0	78 0 71 0 73 9 75 1	65:3 71:4 70:8 73:5 74:8	70 4 70 9 70 7 74 0	70 8 78 5 73 2 74 8 75 6	76 5 75 0 76 7 75 0	77.6 75.0 79.3 81.6 61.8	80 0 81:7 81:1 52:5 83:3	89-8 81-7 83-9 84-2	82 8 52 6 54 6 84 4	83-7 83-0 82-6 84-3 84-7	82 5 83 0 84 4 84 7	82-0 62:2 52:6 83:7 84:6	71
	28 97 96 99 60 31	61.8 81.6 61.0	79-6 79-0	78-6	78-1 72-9 70-4	77.7 76.0 73.8	78-5 78-3 71-6	75.9	73 6 78 0 69 8	68-5	71:3 79:0 70:1	65-3	70'4 71'0 68'8 66'5	79-2 70-0 70-6 68-8 66-8 67-6	27-1 66-6	65-8 65-8 87-5 64-8	71 8 71 6 69 5 67 6	75-8 73-5 71-9	80 7 75 0 77 1 78 6	81.0 75.3 75.0	82.4 50.6 81.3	55 3 53 8 61 6 59 6	84.0 82.8 84.5	89°8 83°6 82°6	83-6	76 78 75 73 74
Meso	18.	80-8	75-1	77-7	76-6	760	78-6	748	743	73-7	76-1	721	78-8	71:7	711	70 1	781	78-6	75-0	81-0	61-5	62-2	92-8	\$2.6	61.5	76
serry	6lst.	80-7	79-2	77-8	78-6	75-1	73.4	728	71.6	70-6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
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<sup>\*</sup> The Numbers in these Columns are not observed, but interpolated for the sales of obtaining the daily Meson.

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<sup>\*</sup> The Numbers in those Columns are not observed but interpolated for the sake of obtaining the daily Menns,

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	10	52.1	20.8	87.8	861	85 S	82-0	856	84'5	590	80°8 81°3	51-0	80-7	80-5	503	813	88:1	53-9	91-9	93'5	93-5	58.3	95-0	55.4	54:0	87
ULY 1653.	12 13 14	32.8	94 %	59.7	55-2	86 2	54.2	550	83.5	83.4	85·4 53·3 85·2	55.2	82.3	820	823	83.5	84.4	835	21.2	134	82.1	973	967	25 5	94:0	85°
TOT	18 18 17	54·3	918	85-1	83 1	87:0	85°8	85-9	85-5 25-0	82.7	831	8:5	812°	81:0	\$1-1	810	57.8	89.3	51-6	12.5	594	55-3	95.4	12.3	95.91	88
	18	52.5	523	580	86.6	28-1	875	55-4	546	85 1	35°W	548	84.1	83.5	321	83:2	87.0	10-3	91-9	53:3	93 8	527 13·1	928	93.5	13 2	89 26 86
	21	75'4	86 7 50-5	85·1 79·6	85-0 79-1	84 \$ 76-8	82-9 78-8	80°8 78°3	889 78-3	70-3	85°2 79°2 78°5	19:3 18:8	787	78·3 78·3	783	50-3 78 %	788	85°0 72'8	81-0	82-6 80.7	79 I 81 5	83 4	77'4 89'0	268	77-5 89 1	81 80
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	26 27 95	918	91·1 54·2 87·8	80-1 49 8 86-8	87-0 57-0 53-8	86-0	88-0	83 8	528	8010	51:2 79:9 82:1	778	71-7	796	796	56-9	81.8	898	860	87.7	80:7	91-5	55-4 527 93.5	91.7	108	87° 85° 85°
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Mean	ı.	51-3	85-4	86-9	58-5	845	83-9	53.4	83-1	82-2	82.2	81-9	81-5	81-2	81/8	82.8	81:3	58.7	85-6	\$0-1	91-6	92.5	93-4	18-3	92 6	88
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	9	540	527	50.8	34.5	87-1	85 3	85 6	58 3	545	80-9 82-5 84-3	550 860	\$1 4 \$3.0	89-9	87-5	813	82.8	83-5 52-8	87-8 : 87 9 :	90-2 10-5	51·3 50·4	53·7 90·7	54·5 93·2	94·7 55·8	95:3	86-1 87-1
	11 12 13	937	91-9	90 0	55.4	88.8	87.7	57-4	868	26.9	81 8 85 3 84 9	54-6	83:7	525	825	8:4	83:8	88.7	58.8	51-0	92-8	53-5	15.0	55.4	55-7; 54-8 53-0	88 88
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\* The numbers in these enforms see not observed, but reterpointed for the sake of obtaining the daily means.

1 These temperatures were usual by the Dry Ther the studied having been removed for the purpose of making comportum with the new acrosed Thermometers.



									DR	TH	ERM	OME	TER	(Stan	lard.)										
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· Die Numbers is those Columns are not observed, but exterpolated for the mixe of obtaining the doily Mexas,

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LY 185	11 12 16	729	71-1	69:	69-5	709	69 5	70-0	68-3	65	686	67-6	67-4	873	67.3	66:3	68-7	70.1	71.3	09:3	58-6	65.3	7918	71.2	71.8	7
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	25 37 23	76-5 75-9 77-3	75-3	74-3	75-1	78-7	74:3	74'1	72-7	72-0	724	767	70:1	72-6 65-8	65-6	89:3	734	75-1	75 1	75 3	753	763	77-0	773	76-1	7
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<sup>\*</sup> The Numbers in these Columns are not observed but interpolated for the unit of obtaining the daily Meson,

Gottingen lean Time.	Noon	. 1	9	3	4	5	6	7	8	9	10	11	13	13	14	15	16	17	18	19	30	21	25	23	Dollar
Madras, loan Tone,	F M. h. m. 4,41	b. m. 5,41	h. ra. 6.41	b. m. 7.41	h- m. b.41	b. m. 9 st	b, m. 10.41	h. m. 11,41	h.m. 18.41	h. m. 13.11	h. m. 14.41	h. m. 15,41	h. m. 16,41	h. m. 17.41	h-m 18,41	b. m. 19.41	h. m. 90.11	h. m. 21-41	h. m. 23,41	h. m. 23,41	h. m. 0.41	b. m. 1,11	b. es, 2.41	h.m. 3.41	Daily an Monthly Means.
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MARCH 185 14 15 16 17 18 19	77.5 78.3 76.3	76.3	76.8 77.1 76.8	77-1 76-1 77-2 75-5	76 6 77 0 75 8 77 1 75 3	76-6 76-6 75-2 76-3 75-3	76·7 76·2 75·0 76·3 75·0	76.8 76.1 74.9 75.5 75.2	76·8 75·5 74·5 75·5 76·1	75·4 74·7 75·9 75·9	76·1 75·3 75·0 76·3	74.9	758 74:0 74:2 71:8	74°3 73°5 71°9	74·3 73·5 73·3	77.3	78·0 77 3	77 3 77 9 77 2 77 3 76 3 77 0	77·1 78·S 77·7 78·3 77·1 76·8	77·9 78·7 75 S	77.1 79.3 78.2 79.0 76.0 78.3	77.6 78.0 78.5 79.3 76.7 75.8	78·3	77.6 77.7 78.3 76.6	75- 77- 76- 76- 75- 78-
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	3 4 5	77.7	77·2 77 3	76·5 76·8	76.5 77:1	76·8 76·6	76-1 75-7		75·8 76·3		76-9 74-4 76-0	76.7 74.3 76.3	76 : 74 : 76 :		713	25.4	76.9	78·1	. 77 9	77.7	78.3	73.3	78.7	75·3 78·3 78·3	78.8	
	6 7 8	76.5	76·7 74·8 77·5	75-4 73-2 77-8	75·8 74·3	76·1 74·8 78·1	75.9	78.2	75.5	76·8 73·7	76·1	76 0 73 3	75 8 73 6 76 0	75 5	75 3	73.5	75 2	78	75.8	77 8 76 3 76 1 7 53	77.0	76·0	76·8	74·5 77·8 74·8	748	1
	9 10	74.3	73 5	74.0	74.2	71.5	75.5	75.3	75.3	75 8	77.5	77:3	77:1	76.8	76 9	76.0	75.5	76-8	78-3	787	79.3	75.6	75.9	75.3	79.8	1
1852	11 12 13	77·8 80·3 79·8	77·8 79·8 79·4	77·8 79·2 79·3	78·9 78·6	78·1 79·2 78·1	73.5	78.1	77:8	77-6	77:4	77·3 77·3 77·3	77-2 76-8 77-6	78:	76-3	77-1	78.	79-8	78-3	79-3	80-3	80.3	80.1	80-4	79.9 80.5	
23	14 15 16	81.6	79·3 80·2 78 8	78·6 80·2 77·8	80.2	78 2 79 5 76 8	79-2		78.3	77-1	77-9	77·3 77·3 78·8	77 S	77.	77:	77.8	78-3	79·3	79.3	793	75·9 81·6	80.8		81·8 76·5	81.3	1
_	17 18	79.3	79.8	75-4	79:1	79.8	78-5	78:5	79:3	78.1	75-1	75-2 77-8	75 8 77-8	77.2	77.7	781	786	77.8	78-3	77.1	79·5 77·6	77.8	75.8	89·8 76·5	79-3 77 3	7
	19 20 21	77.8 75.4 71.9	77-2 75-8 72-2	74.1	71.6	75·6 72·6	74.8	73 8	72.3	74-8	77-9 78-7 72 0		733	71:	71.3	70-5	76.3	78 1 71 0 76 8	76.7	79.7 71.5 79.0	75.9	80.8	71.5	80.7	72.0	7
	22 23 24	78 8 79 8	79.4	79.1		79.5 79.6	79.5	78.3	77.3	77-3 78-3	75-8	74.3	75 9	76.8	74.8	75.8	77.	783	79.4	79-8	80.8	80-1	80-3	80.5	_	7
	25 26 27	78·4 79·0	78:7 78:4	78·7 78·3	78·7	78 ± 78 2 78 2	78·5 78·0	77.7	77.8	77:3	78 9 77 - 5	78·1 77·8	77 1	76.0	76.0	76.5	77:5	78.5	79·7 80·3	80-0	80·5 80·3	79·7	80.7	80.5	75 8 80-3	7
	28	79·5 78·5 77·7	78·7 78·4 77·8	77:0	77 5 76 6	77·2	76·9 76·5	77·5 76·7 76·5	76·1	75.5	75·9	75.1	76.5 75.5	75 2	77:3 75:8 76:1	77-9 78-8 76-1	75-1 77-2 77-2	79·1 78 3	75.1	79-3	79·4 79·0 78·3	79·9 78·8 78·8	78-9	78·8 78·3		7 7
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Means. 77-9 77-7 77-4 77'5 77-5 77-5 77-0 70-5 75-5 78-4 76-3 75-2 75-1 70-2 76-3 77-2 77-6 78-5 78-5 78-6 78-7 78-4

Gottingen Mean Time,	Noon.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	30	21	23	23	
Madras desa Tubse,	P. M. 5. m 441	b.m.	b. m.	h. m. 7.41	h, m, 8,41	h m. 941	h m 10,41	h. m. 11,41	h. m 19.41	b. m. 13,41	b.m. 14 41	b. m. 15,41	h. m 16,41	b m 17.41	b m. 18 41	h, m. 19,41	h, m. 20.41	b. m. 21.41	h m. 22,41	b m. 23,41	b. in. 0,41	b m	h, m. 2,41	b. m 3,41	Daily a Month! Mean
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1 2 3 4	76-7 76-1 76-2 77-1 76-7 74-3	75·5 75·4 76·5	75·2 75·0	76·1 74·5 75·9 75·4 74·1 75·3	76·1 74·6 74·3 76·1 74·8 75·2	74.3	76:3 74:8 74:5 75:4 74:9 75:3	74.7	74.3	74·8 74·4 74·4	743	71.8 78.8 73.4	74·3 73·6 73·3	78.5	78-5	74·1 74·1 74·7	74.5 74.4 75.5	75·1 74·5 76·5	75.5 77.1 76.5	77-0	77·8 77·7 77·5	76·9 77·4 77·3	76-8	76.0 76.7 77.3	76 75 75 75
6 7 8 8 9 10 11 12	75 6 74-0 74-8 74.8 75 8	75.2 73.5 74.6 74.4 75.0	76·4 78·4 74·5 74·8 77·1	75·8 73·5 74·6 73·3 77·1	75.5 73.6 75.0 73.5 76.0	75 7 73 8 75 6 73 6 76 2	718 73·6 75·6 73·6 76·3	74 9 73 8 75 3 74 4 76 3	74·4 73·8 75·5 74·3 75·9	74 4 74 2 73 0 75 2 74 8 75 2	74·1 74·1 72·3 74·9 74·8 74·5	78 8 73 7 73 8 74 8 74 5 74 4	73 8 72 8 74 6 74 7	72·8 72·1 74·0 75·3	78.7 72.7 72.3 73.5 75.3 76.1	73 5 73 5 73 3 76 3	75-0 74-1 72-6 77-5	75.6 73.9 78.8 78.8	75·5 75·1 72·1 78·0	78·0 75·9 75·1 75·8 79·0 74·8	75·3 75·8 75·8 79·5	74·5 76·3 75·3 73·8	74·1 77·0 75·7 75·3	74·1 75·9 75·3 79·1	75 74 78 74 75 78
NOVEMBER 19 19 19 19 19 19 19 19	74·1 74·3 77·8 76·7 76·8	73·8 74·1 77·5 76·6 76·0	73·7 73·9 77·0 76·2 75·7	74.0 76.9 76.6 75.9	75·5 72·7 73·5 77·0 76·3 75·0	73·3 76·9 76·1 74·9	73·7 76·8 75·7 74·5	75 0 73·1 73·3 76·7 75·8 74·3	75·3 73·3 73·9 76·3 76·4 74·3	74.1	75:3 72:6 74:8 76:8 75:3 74:3	78 8 76 3 75 8	73.8	71·5 78 8 75·5 75·1	74.0 75.8	72 5 74 7 76:3	73 3 75 8 76 8 75 9	73 5 76 5 74 3 7 55	717 778 755 758	75·8 78·8 76·5 77·1	78 0 76 9	74·8 78·3 77·2 77·3	77 3 77 3 76 8	75°0	75 73 75 76 76
20 21 22 23 24 25 26	73.8 71.9 71.2 71.3 73.2	72·3 71·5 70·3 73·2	73.6 72.4 71.2 70.0 73.4	73.7 72.0 70.9 69.0 72.8	73·5 73·5 71·5 70·6 68·3 72·5	73'4 71'3 69'8 68'9 73'3	73·3 73·2 71·1 69·3 69·0 78·3	73·3 73·3 71·3 65·8 68·8 73·5	73·7 73·3 71·6 70·4 69·4 73·3	70-6 69.6	72.8 71.5 70.9 65.8	72·1 71·4 71·1 70·2	71·3 71·3 71·3 70·5	71.8 71.8 70.5	71.5 71.5 71.3 71.8	73·3 73·3 76·3 70·8 71·3 73·4	74·4 74·3 72·3 71·3	78-3 74-3 71-2 72-5	74·1 73·8 71·5 72·5	73 7 73 8 70 6	73.6	73·7 72·3 71·8 73·8	72.0 71.7 73.5	71 8 71 8 71 3 73 5	78 73 72 71 70 74
27 28 29 30	75-3	74.8	75 3	75.8	75·5 76·3	75.5	75·3 75·3 78·3	75·5 75·3 76·3	75·3 74·6 75·3	743	74.1	73·1 74·0 74·6	73.9	74.3	74.7	74 8 75·1	75·8 75·5	74·9 76·3	76.1	76 1	78.3	77 0 78.6 77·1	77.8	77·0 77·0 77·8	75 75 76
Means.	75.3	74.8	74:7	74:4	74.3	748	74.8	74-2	74:3	73-9	73-7	73.5	73:3	73-3	73.6	74-1	74-9	75-1	75-6	76.0	76-1	76-0	75-9	75-6	74
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1 9 8	72.9	72.3	72.4	728	72.3	72.0	71.9	71.8	728	74-7 75 2 73-U	74·3 75·1 73·3	74·6 74·6 78·8	74·8 74·0 73·3			75·3 71·8 73·6	75·6 71·5 74·3		75·5 72·5 75·3	75·3 73·7 76·7	75·3 73·5 75·3	74·8 72·3 76·8		74·3 72·5 76·3	75: 73: 73:
5 6 7 8 9	77·5 77·3 76·5 73·7 74·7	76·8 78·8 76·4 73·6 74·5	76·8 76·2 73·4 74·6	76.5 77.0 76.4 74.1 75.9	76·9 78·1 74·5 75·0	75 4 77 1 76 1 74 6 74 6	75.8 76.8 76.0 74.8 74.6	76 0 76 8 75 0 74 5 74 8	76 8 74 3 74 1 74 3	76·0 76·3 74·3 7½·2	716	75.6 76.2 74.4 74.8	76-1	75.5 76.3 74.3 74.1	74·9 76 3 74·1 73·9	77.0	76·5 78·0 74·6 75·5	77·4 78·1 75·3 76·3	77.5 78.1 74.5 76.9	781 74·5 76·3	78·3 77·3 74·5 75·3	74·3 75·1	78·7 78·5 73·9 73·7	78·3 77·3 76·3 74·3 74·1 75·1	76- 76- 76- 75- 74- 74-
BER 1858.	70.1	70·1 70·3 72·5	78:0 71:7 71:8 70:8 72:3	73:0 71:0 70:8 70:3 72:3	74·1 71·0 70·5 70·2 72·5	73·6 70·5 70·4 70·3 73·8	70.6 70.6 70.6 73.8	72·8 70·9 69·8 65·8 73·7	79°5 70°0 70°0 73°0	746 788 709 656 656 726	11.9	74 4 74 1 71 2 68 9 68 9 72 2	11.0	02.1	73 8 6>5	73.3	73·5 71·3 70·0	74·3 71·8 70·3 70·3	74·1 70·2 71·8 71·7	76·3 70·3	73·3 7·/·8 69 3 72·5	73·3 70·3 69·9 72·7	72·3 70·7 70·3 71·7	73·1 72·3 71·3 69·7 72·7 74·1	74:1 73:4 70:5 65:1 70:3 72:7
DECEMBER 108 108 108 109 109 109 109 109 109 109 109 109 109	71·3 68·8 71·6 73·3 61·3	71 2 70 6 70 1 72 5 65 2	71·1 71·0 65·9 72·1 69·5	71·3 70·7 70·0 72·3 68·5	70·9 70·5 70·1 73·1 68·8	73·8 70·7 70·5 70·1 72·0 65·5	70.7 70.3 70.1 71.6 65.4	76·4 71·8 70·3 70·3 71·5 65·7	73 6 71 0 70 6 70 1 71 8 69 5	72·8 70·2 70·4 65·7 71·8	72·3 69·5 70·6 69·8 71·8	73·1 69·4 69·8 69·6	78 8 69·3 69·8 71·8	72·7 63·3 68·5 69·9 71·6	72·3 88·7 65·3 70·8 71·0	71.8	70.3	cu.7	71-9 71-7 72-8 70-7	71.8	72·0 73·3 73·1 72·1	71·1 73·8 73·3 72·5	71·1 78·5 73·3 72·3	71·5 70·5 72·6 73·8 71·5 72·3	72·8 70·4 70·4 71·1 71·8 89·7
25 26 27 28 29 30	71.6	71·5 68·4 70·3	71·4 68 3	71·2 68·0 70 1	70·1 67·4 70·0	65-8 67-3 70-1	69·8 67·2 70·8	69·8 67·3 70·1	66.8 66.8	68-8 68-5 66-5 68-4 71-8	68·8 66·8 67·5	68·2 65·9 67·4	68·1 65·5 67·6	68·5 65·3 66·6	67·6 68·7 65·3 66·2 71·5	55-0 55-5 67-8	69·5 66·3 65·4	70-3 66 8 71-5	65:3 68:5 72:8	71:3 68.8 70:2 78:0 75:0	70·2 70·3 72·5	69·8 70·5 73·5	70·6 70·8 73·3	71·5 69·3 71·5 73·7	69·4 69·6 67·7 70·1 73·0

Gottinge Mean Tir	ne.	Noon	. 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	53	Daily a
Medrae Messa Tis		P. M. h. m. 4.41	b. m. 5 41	h. m. 6.41	b m. 7.41	b m. 8,41	b m. 9.41	h m. 10 41	h.m. 11.41	b m. 12.41	h m. 13.41	h. m 14.41	h.m. 16-41	h.m. 16 41	h. m. 17,41	h. m. 18.41	b. m. 19.41	h m. 20.41	h. m. 21.41	b.m. 22,41	h m. £3.41	b m. 0.41	b. m. 1.41	h. m. 2.41	5. m 3.41	Dully a Month Means
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	2 3	0-59 -59 -69	0.85 -64 -73	0.86 .67	0-66 -67 -74	0.67 -69 -77	0.71 -69 -78	0.70 .72 .76	0-66 -70 -75	0 67 -71 -78	0.69 .73	071	·072	0.74 -83	*85	84	.84	80	-75	.65	-61 0-63	0·59 .59	0.61 -57	0.63 -66	0·61	0·85
	5	·69	·71	·73	.73	.76	79	-81	-82	86	.82 .76	·75 ·79 ·74	·76 ·79 ·78	·77 ·79 ·83	·79 ·80 ·84	*80 *84	.74 ·76 ·80	·78 ·71 ·74	71 66 63	-62 -63 -59	·63 ·65 ·58	·61	·59	-65 -57 -59	·63 ·67 ·61	75 73
AIR 3.	8	·63 ·61	·65	69	·71 ·73 ·71 ·80	·73 ·75 ·83	·77	77 78 79	.74 .71 .83 .87	.83 .85	·72 ·85 ·86	·73 ·86	·75 ·86 ·85	•78 •87 •85	·81 ·83 ·87	-83 -90 -87	·82 ·87 ·83	·75 ·83 ·80	·64 ·75 ·74	-60 -70 -69	-59 -69 -58	·59 ·69	-68 -68	·65 ·66	·56 ·67 ·70	·6: ·76 ·75
HE A 1852.	10 11 12	-74	·78	·79	·79	·80	·82	78	·84	·84	·85	·86	·87	·89	*91	·91	·50 ·81	·83	·80 ·67	·71	·63	·66 ·66	-66	·65	·85	-75
ITY OF THE ANUARY 1859	13 14 15	·66 ·63	·71 ·71 ·70	·74	·75 ·76 ·79	·74 ·80 ·83	·75 ·77 ·86	·78 ·89 ·84	·79 ·83 ·87	*83 *86	·83 ·58	·83 ·50	·85 ·89	·83 ·87 ·90	·91 ·89 ·50	·90 •89 •95	·85 ·87 ·54	·73 ·83 ·89	-69 -76 -79	68 69	-69 -69	·61 ·64	-60 -61 -59	·61 ·60 ·57	·63 ·63 ·58	-71 -71 -79
HUMIDITY OF THE JANUARY 185	16 17 18	-62 -60	-67	75 74 74	·77	·51	·83	·82	·83	*83	·83	·83	-81	-86	·91	-89	·86	·82	·74	·65	-63	•53 •59	·50	-62	-50	-71
no.	19 20 21	-69 -68	·68 ·69 ·71	-72	76 74 76	·80 ·74 ·78	·82 ·79 ·79	·85 ·78 ·79	·85 ·77 ·82	·86 ·79 ·86	·87 ·80 ·88	·87 ·81	-88	·89 ·83 ·93	·89 ·86	·91 ·93	-88 -90 -92	·83 ·86	·76 ·77 ·76	·66 ·73 ·70	-56 -68 -70	·56 ·64 .67	·55 ·65 ·67	·53 ·65 ·67	·55 ·63 ·66	·7:
	23 23 24	·68 ·68	·79 ·75 ·74	·75	·78	.79	·79	.80 •78 •80	·81 ·82	·85 ·84 ·82	84	-84			.83	·53	·83	·73	·74	·72	70	·62 ·65	66	·64 ·65	·66	-77
	25 26 27	·65	·69	71	74	-78	-80 -76	·81 ·79	·82	·86	·85 ·87 ·88	·88 ·88	·83 ·90 ·85	·88 ·92 ·86	*89 *50 *88	·91 ·93	*50 *88 *85	·77 ·84 ·81	·70 ·71 ·73	·65 ·66 ·63	.66 .60	·63 ·63	·62 ·56	-60 -81 -53	·61 ·63 ·53	70
	28 19 80	·54 ·56 ·50	61 63	-69	·73 ·72 ·76	-76	·78 ·81 ·82	·81 ·82 ·83	·81 ·84 ·85	·83	·83 ·87 ·86	-89	·£0	*89	·89 ·88 ·91	·89 ·88 ·90	-86 -81	·81 ·78 ·85	-68 -75 -75	·57 ·60 ·69	·58 ·53 ·64	·54 ·46 ·63	-50 -56 -61	-50 -55 -60	·53 ·63	7:
Means	).	634	-690	·727	-751	-773	·788	·795	·803	·813	-829	-83	-848	-861	*875	*832	*852	*803	723	-655	-634	-611	-604	-599	-615	-75
		In.	In.	In.	Ia.	In.	In.	In.	In.	In.	In.	In.	In.	În.	In.	In.	In.	In	Iu.	In.	In.	In.	In.	Iu.	In.	In
	1 2		610	-623	619	-620	.638	0-610 -645	63.9	.633	0-502			662					670					653		-61
C.B.	3 4 5	651	·670	·687	·653	·696	699	·701 ·678	68:7	686	-686	·675	·686	-685	-670	685	.694		·703	.631	664	-652 -637	-607	657	-633 -656	-62
VAP	6 7 8	-574 -608	615 624	.606 .622 .641	638 638	633 645 677	·632 ·659	·633 ·630	.637 :619 :700	651 648 653	615 689	684	694	705	-601	·608 ·625 ·728	·618	·644 ·669 ·737	·621 ·737	.796	*639 *748	636	604 849 736	727	.721	-6: -6:
HERIC 52.	9 10 11	769	770	·763 ·762	·756 ·756	·772 ·756	·779 ·770	774	·792 •772	·795 ·766	797	-659	_	·787	'789 '689	-756	·790	·787	·775	-750	742	734	·733	734	652	-71
IE ATMOSPH ANUARY 185	12 13 14	685	·711 ·703 ·676	·708 ·657 ·655	·721 ·683 ·663	·727 ·667 ·683	·725 ·653 ·653	696 653 614	706 637 818	·654 ·628	·694 ·650 ·628	687 646 627	-692 -652 -611	.556	'610	-681 -645 -5:8	638	718 700 689	*689 *686 *614	·672	·661	648	·716 ·645 ·675	681	·661	-70 -68
OF THE ATMOSPHERIC VAPOUR, JANUARY 1852.	15 18 17	685 642 625	686 671 664	·688 ·679 ·666	681	696 678 681	659 693 687	618 661 670	656 660 669	633	637	619	·618		613	-622	_	754	·753			·700 ·678	·660 ·553	471	+553	-63
	18 19 20	-620 -664	·668	-664 -688	654	·661 ·654	654 700	648	-641 -676	·618 ·678	·653 ·615 ·679	657	672	665	612	-629 -664	•709	·709 ·708 ·736	-695 -699 -752	.761	-717	*620 *559 *702	-625 -602 -715	·631 ·570 ·767	·642	-63 -63
TENSION	21 22 23	856 715 737	·703 ·724 ·767	·704 ·627 ·772	700 724 781	·699 ·733 ·756	735 756	·701 ·741 ·735	712 739 761	·709 ·747 ·781	·703 ·733 ·774	·696 ·718 ·767		*697 *732 79*5	667	·692 ·717 ·763	743	·760 ·749 ·813	·741 ·768 ·743	.774	-766	734	·730 ·723 ·765		1745	·7
TE.	24 25 26	753 683	678	·779	·655	·699	·651	·737	·761	·762	·734 ·658	·705	658	·691	679	·760	·781 ·681	·730 ·745	·714 ·733	.709		-6-0	-689 -704	-663 -677	659	-7
	27 26 29	-683 -574 -579 -545	619 616	653	·692 ·667 ·624 ·639	·687 ·670 ·614	615 671 618 635	·672 ·658 ·604 ·615	·662 ·629 ·603	·654 ·625 ·587	·653 ·637 ·582 ·592	619	643	*635 *615	·635	615	654	·712 ·663 ·604	708 623 650	*656 *565	.597	-573	.620 .587	-58	544	·6.

<sup>\*</sup> The numbers in these Columns are not observed, but interpolated for the sake of obtaining the daily means,

Gettingen. Menn Time.	Noon.	1	2	3	4	5	8	7	8	8	10	11	13	13	14	18	16	17	16	19	20	81	88	23	Daily so
Madres Meen Time.	E H	6.41	e el	7.44	10	9.41	b. er. 10:41	11.41	ti #	13.41	h m.	ii di	16.41	17.41	18.41	19-61	h.m. 20.41	b. m. 11.41	5 m. 19.41	n.41	b m	1.41	2.44	10	Daily an Monthly Monne,
							0-88			•		•													
January 31si 1 2	87	-68	-88	0·76 -71	-73	-76	78	78	-73	.80	-83	-84	-57	-88	-85	-83	-79	-65	-69	-60	67	0-53	0-83	0:57	0786 710
8	-50 -61	-65 -70	-65 -65 -70	'66 '65 '72	-86 -68 -78	69 67 79	73 -70 -85	·69 ·85	-75 -69 -83	·83 ·70 ·89	*85 *71 92	-86 -71 -93	81 72 65	-85 -81 -94	-82 -82 -91	-50 -88 -89	-76 -74 -84	-83 64 -77	-57 -89 -67	*57 *81 *66	*57 *59 *64	-62 -63	61 61	-89 -61 -63	*857 *878 788
6 7	·70	73 76	·75 ·79	79 -80	-61 -83	-81	-83	83	48 48	-86	-86	-88	-50	90	-99	.96	-83	78	.78	70	-67	-66	-67	68	795
4 . 10	64	-65	·72	75	79 78 67	-80 -7.6	82	·83 ·86 ·74	51	·85	·91 ·85	-90 -67 -88	-90 -68 -67	-91 -65 -89	·88	-96 -89 -87	·83 ·79 ·78	76 70 76 61	-69 -84 -86	-68 -63	-61 -69	-64	-60	-63	790 757 747
10 18 18 19 10	-60 -65 -58	-63 -66	-64 -68	-65 -69	-67 -76 -68	-68 -74 -69	-67 -75 -76	74 78 70	-78 -80 -78	·77 ·80 ·80	76 -80 -84	·79 ·81 ·85	80 82 86	-81 -88 -88	-85 -85	-83 -83	-78 -76 -78	-61 -64 -68	-55 -53 -53	-58 -49	·56 ·49 ·61	-56 -63 -80	-56 -55 -61	.68 ·85 ·61	*650 *858
1 2 2	-61	.43	-68	-66	.73	.76	-76	76	-78	-81	-91	-91	92	-96	-90	-88	-76 -83		-61	-60	-60	-81	-59	-62	710
E 18 17 18	63 61 74	·67 ·71 •78	-70 -77 -81	-75 -77 -81	-78 -80 -61	.81 .83	-82 -82 -82	82 81 81	-53 -51	-67 -85 -87	-90 -86 -50	-90 -88 -90	-91 -10 -90	-91 -61 -90	-85 -87 -90	-87 -87 -88	-80 -79 -85	·71 ·71 ·71 ·88	-85 -68 -76	-68 -71	-60 -85 -73	-66 -66 -73	-60 -67 -73	72 71	780 778 817
	73	·76	-81 -75	77	-83	·84 ·78	-81	·85	-81	-85	-90 -58	-92 -88	-95 -92	·53 ·69	-89 -89	·89	·81 ·78	·72	-67 -61	-67 -57	-68 -57	·85	-83 -59	-63	-805 -757
93 93	-61	-61	-70	69	-83 -78	79	-65 -75	-87 -77	-87 -81	·86	·84 ·86	·85	-86	185	-87 -87	-89 -83	·78	-87 -67	-63 -59	·81	62	·58	*56 *84	-60	·750
24 25 65	-58 -61 -67	-58 -67 -89	-65 -71 -75	-69 -78 -79	71 76	73 79 81	74 -81 -84	-76 -82 -81	-79 -83 -87	·81 ·85	·83 ·87 ·89	*84 *87 *89	*88 *87 *90	-96 -90 -91	-88 -89	·79	·73	-67 -78	-64	64	-58 -63 -63	·58 ·63	-89 -63 -83	63 63	·710
27 28	-62 -71	-65	·73	·77	·78	-52 -85	83	83 86	-63 -69	-86	-88	.80	*16	100	-91	·76	-70	·65	·89 •84	-67	-67	-88	-67	-67	-759 -750
89	-	_	-	-	-	_	_	_	_	-50	40	-90	-90	-91	-91	-88	-75	-64	-60	-89	-57	-83	-57	*\$5	-173
Menns.	-837	869	713	-736	763	779	723	-807	-861	818	-859	845	878	-883	-876	*856	777	-698	633	-816	-804	-603	-603	.618	748
nousey 31s	ln.	In.	In.	In.	In.	10.	ls.	10.	ln.	fo,	In,	e Ia.	In.	In.	In.	lo.	In.	Iu.	la.	In.	In-	In.	ln.	In.	In.
6	607	-583	615	-634	-625	-616	601	-508	-603	04M 616	828	0 638 •6 28	0-635	.839	6 i	845	6.535	0-e47 -63 \$	614	0114 618	616	618	649	623 833	0-613 -628
3 4 5	-623 -619	633 708	614 699 878	-812 -610 -652	-614 -745	·819 ·893 ·743	618 630	-625 -625	-646 -526 -784	-621 -626 -767	-633 -631 -749	-637 -689 -781	-521 -630 -773		-617 -610 -718	-836 -654 -716	658 666 793	631 636 778	*847 *737	636 676 760	628 634 746	195 1694 1741	-801 -678 -741	-023 -685 753	-641 -841 -749
WALLEY S	·775	760	·776 ·783	779	·791	768	.716	791	·773	760	747	.756	758	742	763	-804	813	·798	.810	617	-793	.780	-782	779	-780
	-699	-683 -652	706	·703	819	-646	683	668		-741 -617 -625	-713 -657 -625	701 847 619	-690 -637 -616	-686 -630 -616	667 617 600	-795 -628 -637	765 713 881	-771 -698 -661	·785 ·673 ·639	781 691		-721 -667 -673	-691 -651	*767 *684 *853	748 -675 -616
FEBRUARY 1952.	-649 -857	637	613	-616 -637	616	-6-1	.360	-577	-561	·585	-505	·562	-560	-555	894 607	-6 :0 -855	623	-599	*568	-588	·\$01	-678 -601	·623	614	-192
A 13	-614 -883	637 647	-611 -657	-630 -679	-528 -598	631	-651	1830 1836	-661	-686	-670	-683	635	645	608	-650	674	-681	-876	663	-876	654	639	-678	-613
TEBRUARY 11 12 12 12 12 12 12 12 12 12 12 12 12 1	707	712 745	·719	742	·758 ·771	·788	735	·712	718	·703 ·715 ·738	714	·799 ·718 ·781	·763	714	-678 -785	781 724 776	-786 -756 -778	718 -738 -775	-816 -719 -776	706 740 762	713 716 770	731	710 713 781	719	703 723 772
17 18 18	848	759	·815 ·834	·813	·813	-814	615	-838	-923	-833 -818	-837	*830 *817			·803	894	827	·843 ·781	788	-870	-624 -785	838	838	833	-821
90	788	785 716	·764 ·735	776	778	.780	.771	756		750	751	-746	-735	707	710	766	740	-758	715	701	740	761	745	-735	750
	878	-661	862	678	688	618	-689	-678 -631		659	693	·874 ·669	684	-813 -670	·681 ·669	·781 ·668	-756 -670	·701	-816 -616	6:3	731 632	677 -643 -883	-692 -683 -698	686	-669 -638
83 64 83 84 85 86	-636 -6: 6	521 718 -774	789	716 716	-868 -659 -791	704	*856	-855	616	-618 -611 -756	-656	616	-657 -164	-665	*818 *651 *748	-634 -739 -738	-687 -751 -786	770 740	758 747	768 771	730 777	·776	775	774	-710 -783
26 27 28	760	·7/4 ·756 ·815		·756	·791 ·789	758 780 7:5	.739	.714	659	703	716	706	704		887	757	-838	813	758	-815	817	632	-840	820	761

					n	UMI	DITY	OF '	THE	AIR.	AND	TEN	SION	OF '	THE	ATM	OSPI	IERIO	V V	POU	R.					
Gottingen Mean Tune.	No	n.	î	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and
Madras, Mean Tune.	F. M. h. m. 4.41	5.	m. 41	h m 6.41	h. m. 7.41	h. m. 8,41	h. es.	h. 11. 10.41	h. m. 11,41	Ъ.т. 13,41	h. m. 13.41	h m. 16.41	h. m. 15 41	h. m. 16.41	h. m. 17.41	h- m 18,41	h. m. 19.41	h m. 20.41	h. m. 21 61	h. m 92,41	h. m. 13,41	h m, 0.41	h m. 1,61	h. m. 2.41	h.m. 3,41	Monthly Means.
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3	·6:	5	70 73 76 70	0.69 -74 -78 -80 -77	0.73 •78 •81 •83 •79	0.76 -79 -84 -85 -83	0.78 -79 -85 -87 -83	*85 *85	0.81 -65 -67 -89	-85 -86 -89 -83	0.83 -85 -87 -50 -84	0.92 -85 -83 -51	0 83 -86 -58 -91 -83	0.85 .83 .89 .53 .82	0 88 -86 -51 -53 -57	0.87 -89 -51 -91 -89	99 -89 -89 -89	0·79 ·77 ·81 ·78 ·76	0.67 .68 .71 .67 .63	0.65 -63 -64 -61	61 63 60 64	0.63 -63 -60 -62	0.61 .63 .65 .60	0-62 -63 -64 -58	0 63 -64 -59 -62	0741 -760 -785 -783 -789
THE AIR 1852.	.5 .6	980	62 63 63	·69 ·66 ·65 ·79	79 70 67 70 75	·51 ·71 ·69 ·73 ·77	-75 -75 -73 -74 -77	76 76	·76 ·79	·79 ·79 ·81	·83	-90 -81 -81 -88	86 83 85	88 88 84 .56	·85 ·89 ·85 ·85	·83 ·83 ·83 ·83	·83 ·76 ·81 ·82 ·83		64 68 68	60 -59 -60 -61	-60 -55 -57 -60	-60 -56 -57 -57	-59 -56 -58 -59	58 56 58 60	-59 -57 -58 -61 -58	·752 ·707 ·708 ·723 ·726
HUMIDITY OF TH	-6	1 5	68 70 70 68	·67 ·71 ·69 ·77 ·74	·71 ·75 ·78 ·79 ·75	.73 -76 -78 -80	90	78 79 80	·79 ·78 ·80 ·81	· 81	- 82 - 82 - 84	·80 ·83 ·87	83 82 84 87	-83 -84 -86 -87	·84 ·87 ·86 ·90 ·87	·84 ·89 ·86 ·89 ·87	·85	·78 ·73 ·76	-70 -67 -63 -66 -70	-61 -63 -62 -70	-63 -60 -61 -65	·63 ·63 ·63	·62 ·57 ·61 ·63 ·64	56 59 63	-63 -62 -63	726 732 737 757 746
HUMI	6-6	7	73	·76 ·77 ·74 ·79	·79 ·79 ·17 ·83	-80 -79 -79	77	·80	·76	.76 .85	·85	· 84	86	-81 -89 -89 -85	-87 -87 -90 -86	-10	-86 -86 -89 -83	·82	-69 -77 -73 -64	-69 -70 -67 -65	·64 ·65 ·68	64	·60 ·64 ·67 ·64	·61 ·64 ·65 ·65	·63 ·63 ·65 ·66	747 771 778 778
2: 2: 2: 2: 2: 2:	-6 -6:	6 3 6	73 82 77 72 65	*86 *30 *75	·81 ·57 ·85 ·77 ·80	·83 ·89 ·87 ·79 ·81	-81 -88 -89 -80	.83	83 50 52 84	-58 -58	·84 ·:3 ·94 ·88	· 85 · 93 · 98	85 88 53 89	.86	-88 -84 -51	-51 -58 -50 -91	·83 ·81 ·85 ·86	.73 .79 .77	·70 ·77 ·71 ·71	-65 -77 -63 -06	76 73	·80 ·71 ·42 ·65	85 73 46 65	·84 ·70 ·63 ·62	·80 ·70 ·62 ·63	·802 ·827 ·780 ·776
25 25 80 31	-61	,	71 70 69	·79 ·77 ·75	·80 ·77 ·78	-80 -80 -79	·82 ·81 ·80	*84 *83 *83	·84 ·87 ·81	_	-59	-90	-91 -89 -91 -87	*91 *89 *91 *87	·88 ·88 ·89	.93 -52 -83 -89	*87 *85 *84 *75	77	·69 ·61 ·63	·63 ·63 ·61 ·63	·65 ·61 ·61	63 64 69 66	61 62 61	-63 -61 -64	-63 -62 -62	769 773 766 759
Means.	-643	•6	6	747	776	792	*802	-821	-826	.843	-853	.859	-862	*870	·879	-883	*843	·761	·679	·641	-625	*623	-622	-623	-628	.758
	In.	I			In.	In.	In.	In.	In.	In.	In.	Io.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In-	In.	In.	In.	lu.
1 3 4 4 5	-764 -782 -827 -795	8 .8	72 11 66 27		773 815 875	0730 ·775 ·828 ·878 ·811 ·803	754 -828 -838 -838 -795	9746 1746 1824 1886 1836	723 757 883 831	0704 -656 -747 -867 -817	-685 -754 -753 -752	·674 ·761 ·839 ·767	·675 ·761 ·827 ·741	676 767 815 715	·655 ·761 ·817 ·718	679 759 813	9721 9767 824 840 834		0737 -749 -822 -750 -753	737 507 776 812	743 329 800 524	0.775 1786 1840 1814 1709	·806 ·863 ·818 ·803	804 840 793 800	·791 ·831 ·783 ·781	0.715 -740 -805 -836 -801
JOJE A	-720 -685 -710 -745 -736	6 7	55 13 02 52	_	722 -661 -711 -777 -726	708 654 715 784 743	726	·793 ·730 ·666 ·658 ·775 ·743	784 -704 -046 -703 -754 -728	779 701 657 709 750	756 707 635 706 .745 734	·732 ·713 ·652 ·703 ·739	717 -710 -652 -658 -733 -726	703 703 .652 .694 728 716	-679 -717 -647 -673 -729 -659	715 -685 -613 -664 -721 -689	·763 ·705 ·658 ·731 ·788 ·762	·715 ·717 ·766	733 -694 -656 -760 -731 -806	-723 -688 -699 -743 -735	·722 ·680 ·691 ·748 ·731 ·781	·731 ·654 ·659 ·746 ·732 ·784	731 -655 -716 -756 -736 -759	723 -658 -719 -765 -723 -759	·72. ·65: ·710 ·755 ·726 ·869	·749 ·706 ·676 ·719 ·748
THE ATMOSPHERIC MARCH 1852.	-806 -816 -807 -847		43 24 12	738 -831 -845 -523 -843	-818 -850 -853 -813 -856	-753 -837 854 -800 -855	795 -842 -844 -7:1	·755 ·847 ·835 ·787	·775 ·833 ·832 ·784	*750 *837 *815 *778	·776 ·838 ·822 ·758	761 -833 -829 -806	757 -839 -819 -802	753 840 810 798	·758 ·817 ·868 ·780	·793 ·820 ·806 •780	-834 -834 -851 -843	-855 -846 -871 -853	-819 -822 -813 -829	·789 ·845 ·811 ·858	758 858 815	·784 ·860 ·822 ·855	·785 ·813 ·535 ·865	790 ·796 ·826 ·837	·807 ·807 ·808 ·835	750 •753 •833 •829 •816
Ö 21	-710 -710 -876	-7		·839 ·785 ·852	-810 -7:5 -500	-808 -807 -873	-896 -809 -E07	-826 -718 -808	-801 -806 -830 -878	·801 ·843 ·853 -878	·818 ·837 ·833 ·869	*834 *830 *810 *860	*776 *843 *803 *354	·719 ·856 ·756 ·843	-738 829 -799 -847	·752 ·878 ·824 ·876	-713 -769 -887 -802	-850 -849 -851 -928	759 844 -871 -839	-820 -7:9 -870 -868	·801	-770 835 -538 -875	-770 -834 -914 -866	755 759 901 876	789 789 875	*893 *819 *841 *874
TENSION	-845 -830 -805 -873	8 . 8	34	886 839 876 882 859	*892 *814 *101 *877 *219	*854 *509 889 *910	·869 ·863 ·904 ·888 ·916	·874 ·286 ·114 ·138 ·529	·870 ·883 ·526	·859 ·8.8 ·504 ·948 ·931	863 8 6 915 936	-866 -854 -925 -924	·857 ·246 ·859 ·530	849 799 873 916	-860 -776 -867 -921	·560 ·843 ·864 ·123	·917 ·859 ·866 ·165	·8:3 ·890 ·883 ·545	·853 ·913 ·865 ·523	-813 -960 -829 -909	\$18	.863 .622	·849	·841 ·886 ·878 ·851	832 888 560 8.2	865 875 861
28 29 30 31	-868 -855 -835	9 -9	77 65	·511 ·879	·889 ·858 ·861	8:4 875 856	-501 -877 -861	·5 07 ·88 4 ·569	-816 -913 -837	-509 -119 -883	*152 *590 *509 *850	-523 -810 -858 -817	·109 ·876 ·883 ·809	·895 ·869 ·802	-870 -837 -811 -805	\$97 \$97 840 845	*185 *541 *889 *861	114	.808	·878 ·864 ·823 873	-894	856	·889 ·886 ·855 ·882	·864 ·870 ·936 ·501	·860 ·838 ·825 ·505	905 889 864 859
Means,	-80	3.1	10	-818	820									·782				.839			*810	·817	-819	.816	.810	·811

Gutting Mean Tip	rn m	Noon.	1	3	3	4	5	6	7	8	9	10	11	13	15	14	15	16	17	15	19	20	81	22	23	
Halm Mesa Is		5 m.	b. m.	6, 11	1.n	h m	10	b m. boʻst	hāi	12.41	h, en là si	h. m. 14.41	h m la m	le si	h m. 17.41	ls.m	h m to 11	h. m. 20 st	h m.	22 61	h m. 23.41	5 m. 0.61	b. m. 141	ž st	b. m 3.41,	Duly and Mouthly Meson,
	1	0.59	0.72	0.77	0.79	0.83	0-81	0-52	0.83	0.83	0.88	0.86	0-88	6.89	-85	0-90	0.27	6-69	0-63	0-55	0-8-0	0.61	-60	-60	0-59	0.758
	8	63	-62 -66	88 -69	73	73 74	76 78	77	·76	·81)	79	-77	80	-83	-67	-87	77	70	.82	.68	-61	-62	-59	-69	-59	713
	5	61	64	-69 -70	73	·78	-77	78	-80	-82	-77 -83 -89	-80 -84 -91	-85	-84 -87	*88 -58 -10	-87 -88	-77 -74 -78	-79 -69 -71	-61 -65	*58 -58	-58 -55 -62	157 158	-59 -59	-55 -56 -58	*56 *57 -59	·710
2	7	56	-63	77	·79	-80	*80 *51	·80 ·81	79	183	·84 ·83	-85 85	-87 -67	85	85	·88	-83	·73	·63	-63 -68	-63 -61	-63 -63	·81	·59 -88	*85 *64	7 46
all a	10	-85	·69	78	·73	-81 -52	83	·85	84	-83	63	*84 *82	-83	-85 -81	86	-87	·78	67	87	-63	63	-58	-63	-63	-66	784
APRIL 1852.	18	-39	-60 -61	·70	73	·74	*75 *73	76	74	17	·79	*81 -50	-83	-81	85	-85	·78	.66 -70	-61	-60 -68	-57	*55	-53	-58 -54	-56	-6#8 -839
PRIL	15	-58	-68 -60 -64	-70 -85 -71	·73 ·73 ·76	-75 -74	76 76	75	78 78	78	*79 *79 *81	-89	-86	-54	-8y -86	-88 -83	·74	-70 -87 -68	-61 -62	-56 -53	-55	-57 -55	-58 -53 -53	-\$3 -\$4 -\$5	·55	-704 -892 -707
AP.	16 37	-59	-83	-20	73	-70	78	·80	-78	-78	84	83	-52	-89	-85	-88	77	70	-62	-58	-55	-69	-57	.22	-56	721
	19	-88	-65 -60	75 73 75	-80	-83 -83	81	*66 *84	67	*87	·87 ·86	-86 -83	10	·91	-89 -91	*86 ·55	.79 .78	-70 -65	-60	·52 ·53	-58 -47	·59	-58 -51	-59 -59	·35	-741 -723 -758
	91 22 23	-57 -58 -59	-61 -53	-69 -76	-52 -74 -82	*88 *75 *85	-85 -78 -86	*7 S	79	· 90 · 80	-59 -59 -88	80 85	-91 -88 -89	*90 *51 *89	*10 *87	-85 -86	77 74 75	70 68 70	.63 .66	-83 -59	·57 ·63	60 18	·59 ·53	-55 -51 -60	*55 *55 *80	711
	24 25	-61	-63	73	78	-81	-83	-83	-88	85	-58	-57	-87	-87	-87	-88	75	-70	-06	-63	-61	64	60	-60	-60	743
	26 27 28	60 81 89	-67 -64 -61	78 73 70	78 76 74	-81 -78 -77	181 178 177	-53 -61 -76	·83 ·80	181 183	85	-88 -81	-87 -86	-65 -65	-86 -87	-84 -84 -81	.72 .74 .72	66	·65 ·67	-60 -61	-60 -59 -58	59	-62 -60 -55	59	-60 -58	749 730 702
	29 30	·64 ·61	68	73	76	-78 -75	-82	80	·50	-83	*88	-85	-85	85	-87	-88	75	65	-61 -63	-59	·60	-58	-58	-60 -63	-80	·733 ·713
Mean	s.	601	842	783	-789	-783	•793	-805	-816	-815	-833	-843	-860	-870	-875	-853	-760	-687	-830	-858	-556	*380	-578	-879	-577	-726
		In.	In.	Is.	Is.	Įu.	Iu.	ln.	In.	In.	In.	In.	in.	In.	Īn.	ŧn.	In.	Īn.	In.	Ĭn.	Ia.	In.	In.	In.	In.	In.
	1	-824	0-015 -791	713		-821	-823	828	1824	-831	-819	-848	811	9978 -816	e set -819	0 900 184L			1843			-856	8 23 18 23	-823	785	0'879 '824
á	3	754	103	798	-	-840	-761	-	_	-	·518	364	-877 -859	*890 *837	-515 -851	933				-818 -752	-867 -796	-643 -781	8/0	·859	815	839
YAROU	5 6 7	754	778	7:5	·783	807	811	-813 -850	8 :7	-817	·815	794	-840	788	779		-513	861 863	874	-218	-858 -889	818	818	-803	-811	-811
2	8	782 852	·803 ·885	+10	917	-931	941	-681 -156	*863 *586	-51	-645	*818	·843		833	·557	-684	9:8	941	919	·889		813	854 568	932	-863 -916
122.	10 11 12	783	-918 -784	543	-819	-546	- 121	200	769	_	·849		-786 -784	784	·820 ·774	·531	·8:9	316	818	862	-877 -895	712	7761	754	774	-857 -759
PRIL 1852.	13	745	·758 ·793	777	771	·781	-777	768	758	788	·757	769	-787 -795	-745 -7:5	743	·780	*854	360	8:17	787	770	·752	772	764	773	-716
APR	15 16	757 784 776	-778 -810 -785	-563 -580	848	-822 -864 -511	-836	-885	-932			180	-780 -768	-780 -778	772	-796 -825	·812	-830 -829	793	·761 ·865	753		·761 ·758	7775	-8¥8 -786	-758 -808
=	17 18 19	85.6	+885	101	914	919	-859	-908	-830	.85		. 935	-83.	-647	638	888	-898	1887	818	-781	-851		873	·886	885	-531 -871
Š	90 91	.925 -855	910	*564	974	1011	1:013	1-012	11004	1:00	-977	168:	-974 -938	*587 -908	570 861	-652	-917	-583	-618	817	754 146	.941	-523	599	*556	-901 -931 -6:7
Ension	23 23 24	-856 -584 -587	.818 -858 -689	·857 ·954 ·933	1838 1568 1534	-993	-956	.556		-57	.968		919		915	-946	-586	-550	-520	_	917	127	911	511	-918	-944
4	25	910	-918	911	-553	-264	-951	-584	-541	189	-948	.955	-547	-5.40	·528 ·535	-941	*\$60 *\$45	-915	·918	.915	1684	923		-915	915	·\$37 ·935
	97 28	873 875	·857 ·865	190			+910		-921	159	-92	1185	1111	-916	·881 ·911 ·859	-501	911	-501	-808		*863	.816	-948 -855 -859	-517 -840 -923	-502 -837 -502	-917 -895

Gottingen. Mean Tree.	Noon.	1	2	8	4	8	6	7	6	9	10	11	19	13	14	15	16	17	16	16	20	21	89	23	Dudy se
Molrea Ment Time.	P. M. h m. s el	1,41	h m. 6 al	h m. 7-41	h m 1,41	h m i di	b, m 10,41	h.m.	h m 10 44	11,61	h m 14-41	h =	h = Lo, 41	h m 17,11	h m lo,al	19,41	h m. Do el	B, M. BL, 61	b. m 21.41	b. m. 13,44	b. m.	1.4	E at	b m. 8-41	Monthly Mrsma
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Means.	-613	-851	*707	-745	-770	-786	-788	-777	778	-799	-905	-818	-899	-817	784	1695	627	-185	451	-580	-580	-556	-888	-583	-61
TENSION OF THE ATMOSPHERIO VARPOUR.  MAY 1839.  100.00.00.00.00.00.00.00.00.00.00.00.00.	926 -919 -626 -987 -704 -262 -979 -567 -967 -964 -964 -985 -985 -985 -986 -986 -986 -986 -986 -986 -986 -986	0-990	9100 	.915 918 940 955 955 955 963 963 963 963 963 963 963 963 963 964 962 963 963 963 963 963 963 963 963 963 963	0678 	In. 0948 1534 1565 1565 1565 1565 1565 1565 1565 156		In- 935 654 654 654 654 654 654 654 654 654 65	le. e 902 658 837 931 963 819 963 975 1704 1793 943 943 943 943 943 943 943 9	-868 -861 -929 -670 -085 -816 -816 -816 -935 -937 -937 -938 -938 -938 -938 -938 -938 -938 -938	-618 -759 -657 -912 -855 -931 -951 -859 -951 -951 -951 -951 -953 -974 -974 -974 -974 -974 -974 -974 -974	*878 873 - 928 879 - 928 879 879 879 879 879 879 879 879 879 87	878 862 8678 9026 858 9034 859 9783 859 859 859 859 859 859 859 859 859 859	985 975 975 975 975 975 975 975 97	853 857 918 879 979 9746 9539 971 9538 9532 971 9538 9533 786 832 971 853 978 978 978 953 953 953 953 953 953 953 953 953 953	1n. 	In	In	934 184 934 180 180 180 180 180 180 180 180 180 180	653 961 9769 871 781 781 781 781 781 781 781 781 781	939 966 974 931 956 975 975 975 975 975 975 975 975 975 975	-543 -628 -030 -885 -938 -948 -960 -579 -932 -932 -920 -923 -933	10	916 909 923 825 890 923 721 875 825 934 845 909 912 935 912 935 912 912 913 913 913 913 913 913 913 913 913 913	0 - 80 - 90 - 90 - 90 - 90 - 90 - 90 - 9

<sup>\*</sup> The numbers to these Columns are not observed, but teterpolated for the sake of obtaining the daily Mouns,

Gottingen Mean Time.	Noon.	ı	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16"	17	18	19	20	21	22	23	Daily an Monthly
Madres Mean Time,	P. M. h. m. 4.41	. m. i.41	h. m. 6.41	h. m. 7. 41	b. m. 8 41	h m. 9,41	h. m. 10,41	h. 10. 11,41	h m. 12.41	h, m. 13.41	h. m. 14,41	h, m, 15.41	b. m. 16.41	b. m. 17.41	b. m. 18.41	h. m. 19.41	h. m. 20,41	b. m. 31.41	h. m. 82,41	b. m. 23,41	b. m. 0.41	h. m. 1.41	h. m. 2,41	h. m 3.41	Monthly Means,
10 MIDUT OF THE AIR.  JUNE 1834.  JUNE 1835.  11 11 12 13 14 15 15 15 15 15 15 15 15 15 15 15 15 15	0-58 -62 -59 -57 -58 -50 -65 -57 -55 -52 -43 -50 -68 -61 -52 -51 -52 -51 -52 -53 -53 -53 -53 -53 -53 -53 -53 -53 -53	0-643 -683 -588 -588 -588 -683 -7464 -763 -588 -588 -588 -588 -588 -588 -588 -58	73 -67 -76 -77 -71 -53 -80 -77 -74 -63	75 75 89 74 72 72 75 78 77 78 77 77	·79 ·81 ·76 ·74 ·74 ·76 ·80 ·76 ·83 ·76 ·64 ·83 ·83	0.80 -\$1 -\$3 -77 -77 -77 -77 -82 -83 -78 -82 -78 -85 -76 -76 -76 -76 -76 -76 -76 -76 -76 -76	0·811 -83 -86 -78 -77 -78 -85 -77 -78 -85 -77 -73 -83 -77 -73 -83 -77 -73 -83 -77 -73 -83 -77 -78 -77 -77	0-88 -85 -75 -70 -78 -83 -79 -78 -81 -79 -71 -78 -71 -78 -72 -77 -77 -78 -78 -78 -78 -78 -78 -78 -78	0-88 -85 -84 -75 -77 -78 -80 -75 -78 -89 -75 -75 -67 -77 -78 -89 -75 -75 -75 -67 -77 -78 -89 -76 -77 -78 -78 -78 -78 -78 -78 -78 -78 -78	• 0.84 -86 -82 -76 -77 -75 -74 -86 -86 -86 -81 -75 -71 -76 -71 -76 -71 -76 -71 -75 -71 -75 -70 -71 -75 -70 -71 -71 -71 -71 -71 -71 -71 -71 -71 -71	0.84 866 803 7.88 7.78 7.76 7.70 8.83 7.72 8.83 7.72 8.83 7.76 8.83 7.76 8.83 7.76 8.83 7.76 8.83 7.76 8.83 7.76 8.83 7.76 8.83 7.76 8.83 8.83 8.83 8.83 8.83 8.83 8.83 8.8	• 0.866 .871 .883 .766 .774 .775 .711 .883 .855 .766 .771 .772 .773 .774 .774 .774 .774 .774 .774 .774 .774 .774 .77	0.87 -87 -82 -83 -76 -74 -75 -77 -71 -80 -87 -74 -65 -72 -66 -71 -79 -77 -71 -79 -71 -71 -79 -71 -71 -71 -71 -71 -71 -71 -71 -71 -71	0.86 -86 -81 -81 -75 -73 -74 -71 -70 -75 -76 -87 -70 -76 -77 -76 -77 -76 -77 -76 -77 -76 -77 -77	0.755 .786.767 .777 .687 .797 .7984 .633 .709 .744 .633 .709 .749 .749 .749 .749 .749 .749 .749 .74	0.70 .63 .597 .577 .63 .597 .577 .640 .731 .649 .6	0 6 9 4 6 1 6 1 6 1 6 1 6 1 6 1 6 1 6 1 6 1 6	0-63 -68 -68 -49 -47 -47 -47 -47 -67 -63 -63 -63 -63 -63 -63 -63 -63 -63 -63	0.61 -599 -567 -456 -444 -488 -534 -546 -566 -577 -501 -486 -50 -50 -50 -50 -50 -50 -50 -50 -50 -50	0·60 ·58 ·43 ·41 ·42 ·43 ·43 ·43 ·50 ·51 ·51 ·45 ·45 ·45 ·45 ·45 ·45 ·45 ·45	0:59 58 48 43 34 47 46 66 60 62 62 63 63 63 63 63 63 63 63 63 63	0.59 -58 -40 -46 -40 -46 -47 -50 -47 -51 -47 -51 -40 -41 -41 -41	0.60 588 577 5147 548 549 548 568 568 578 588 588 588 588 588 588 58	0-60 -59 -57 -56 -51 -51 -51 -51 -51 -51 -51 -51	0 7227 7227 7027 6333 6421 655 677 700 644 644 700 718 761 633 633 633 633 633 633 633 633 633 6
Means.	-558	<b>•62</b> 0	·688	·785	·758	775	·787	•793	-798	·785	·766	·771	-772	·767	·731	·675	·612	-558	-522	•497	·480	·485	-505	-599	-85
TENSION OF THE ATMOSPHERIC VAPOUR.  JUNE 1813. 1117 151 151 151 151 151 151 151 151 151	-808 -786 -758	In. 9547 9117 9117 9117 9117 9117 9117 9117 91	914 925 988 951 1086 562 939 910 876 -831 -742 899 947 -7766 -825 -728	-938 1-008 0 989 -995 1-007 0-989 -693 -954 	948 948 1011 948 948 948 944 959 974 955 974 916 916 916 916 916 916 916 916	-952 -991 -991 -999 -591 -999 -995 -874 -990 -851 -851 -857 -955 -857 -811 -998 -857 -857 -867 -867 -867 -867 -867 -867 -867 -86	- 568 - 978 - 936 - 978 - 978 - 978 - 978 - 555 - 556 - 983 - 978 - 978	983 958 1000 963 963 968 968 968 968 968 968 968 968 968 968	9699 9669 913 952 952 9567 945 980 916 987 977 945 987 977 978 987 977 978 989 998 998 998	957 939 981 898 951 509 952 8537 864 895 895 895 877 863 887 763 889 889 889 889 889 889 889 889 889 88	946 -858 -963 -834 -551 -865 -882 -924	- 544 - 892 - 946 - 867 - 911 - 867 - 918 - 888 - 898 - 895 - 895 - 727 - 906 - 755 - 775 - 775 - 775 - 776 - 776 - 776 - 777	943-8929-850-852-869-7755-710-7666-7666		947 999 942 852 864 883 841 902 911 748 841 865 911 779 779 772 772 772 772 772	-936 -919 -837 -813 -818 -805 -813 -924 -774 -812 -944 -774 -759 -868 -777 -759 -759 -759 -759 -759 -759 -759	924 908 850 791 775 786 827 766 827 779 871 854 848 829 748 774 774 776 776	9917 -947 -7569 -7569 -7789 -777 -804 -741 -895 -805 -805 -759 -759 -844 -822 -770 -697 -687	In. 7924 936 912 809 809 809 809 781 787 873 781 7745 873 799 7745 877 7757 775 877 877	*957 *949 *761 -782 *835 *797 *793 *895 *778 -781 *747 *888	-833 -817 -614 -732 -715 -700 -737 -773	-504 -739 -761 -863 -813 -820 -758 -734 -734 -723 -729 -759	-800 -790 -869 -825 -740 -752 -737 -728 -778 -809	In. 0108 968 829 In. 0108 1968 829 1925 824 870 8868 8837 -753 822 7757 7732 7759 845 -749 806 803 829	In. 0 93: - \$46 - 92: - 900 - 889 - 899 - 899 - 899 - 899 - 899 - 873 - 773 - 740 - 773 - 776 - 785 - 7682 - 889

<sup>\*</sup> The numbers in these Columns are not observed, but interpolated for the sake of obtaining the daily Mesns,

Gottingen can Time.	-	Noon.	1	2	3	-		5	6	7	8	9	10	11	12	16	14	15	16	17	16	19	90	91	23	23	Dady an
Hadres Imp Time		h m. 1	. m. i. 41	h. m. 6. 41	h. e	h h	m. 61	h.m. D. 61	b: as. 16. 43	h. m. 1h. sh	b. m. 12-41	h m 15. 41	h m. 16 61	h m. ii. si	h m 16 41	h m 17.41	3: m. 10: 41	h m. 19 41	b m 90 si	h p- 11,41	b m. 12 el	5 . m. 51.47	b. m. 0.41	1.41	2,61	1. m.	Boothly Means.
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-	7	.48 89 .63	-76 -86 44 -61		17 12 15	73 60 68 75	-77 69 -71 -77	85 65 71 76	77 71 71 76	80 71 72 79	-81 -86 -71 79	81 87 71	- 80 - 65 - 71	61	-79	6	6	69 60	61 53 -61	-58 -16 -16	69 46 48 69	-45 -45 -57	46 39 48 57	-51 -59 -49 -68	-41 -26 -45 -56	36 33 53 62	-844 -53 -803
1 1 d	1	.86	.65	-7	3	76	·60	-88	-85	83 78	183	-76 -60 -77	78	-78	-63	84	64	-74 70	68	-18	55	-56	54 52 43	66 57	-55 -58	60 -55 61	-71: -53: -63:
5 Z i	5	.56 .56 .61	8:	1	2	77 71 78 76	71 79	75 76 81	-75 77 -61 -80	77 77 81 76	76 81	777	76	-80	- 81		8	76	66 66 70	-55 -60 -50 -53	50 68 68	48 56 53	56 57 50	-56 -55 50	-80 58 -63	-60 -60	-70: -70:
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2	2 3	72 86 72 76	71 87	1 .	91 83	75 81 91 88	·83	-99 -91	-91 -53	16 59	-50 91	5	- 55	-11	- 5	9	5 -8	65	-52	-78 -87 -85	-83 -87 -76	91 -85 -75	51 80 75	-91 -79 -70	-89 -78 -68	-71 -88	-67 -87 -84
9 6 9	6 7	849	6	3 1	66 65	88 65 78	71	-71	-74	74	-91 -75 -85		7 -61	8	5 · 8	8 -8	\$ 7 8 ·F	5 -76 5 8i	-81	-51		68 87 61	-65	-67	-48 -57 -54	4: 89	-77 -67 -72 -69
3	9	84	. 7	0 :	71 78 87	79 87	-70	86	6:	81	8	6 4	5 8	8	7 -8	9 -8	7 -8	6 8	70	-74		61	-67	-71	-78 61	78	-78 -81
Means.		-619	-87	s ·7·	40 1	778	785	1804	811	-818	-817	-82	0 -611	820	-84	-83	5 -75	-747	618	-849	-603	-5 80	864	+554	-566	.263	-79
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RIC VA	7 8 9	668 7:0 8:6	-76- 84- 86-	8 6	16 -	619 539 787 188	866 650 761	-621	- 58:	80	-50	79	9 .7	6 -71	16 .7	15 7	78 E	7 71:	2 71	2 .72	6 -71	74	6 -73	\$ .728	-76	\$ .898	-51
	1 2	160	11	6 -51	63 -	574 989	16	-571	3 -94	94	921	-86 5 -93	0 .93	4 -9	9 · 9 51 · 8	14 · 8 50 · 18	49 8	6 -58	7 -10	3 -65	1 -61	3 80	1 -87	1 13	9 -53 B -60	6 -687 9 -814	- 81 11 88
ATMC 1852.	15	752 198 898	·59	0 -8i 3 -9i 0 -9i	07 - 64 - 52 -	983 983	96	96: 9-954 5-564	9 -95 9 -97-	5 -95 5 -91	911 50 91	9:	9 9	7 41	18 -9	18 '9 17 -8	74 -9 88 -6 84 -5	4 -95 5 -69	7 -51 5 -59	1 86 5 84	5 ·83 8 ·78	8 -79 9 -90	\$ -90	6 -85	6 -84	5 -899	51 -91
F 5	17 18 19	956	-92	1 4	91 -		-18	5 -91		5 AVE	94	-95 0 -96	6 .9	52 -9	46 -9	36 -9	11 -9	92 -93	6 -91	9 -88	2 -66	8 -85	5 -86		1 .20	8 -525	9:
SION	20 21 22 23	918 944 853	90	4 4 7 4 7 4	52 16 61	139 948 879 968	94 -96 -57	4 -98 8 -87 9 -97	9 -577	7 -92 3 -88 1 -96	89	6 65 9 -93	8 -8		17 - 5	06 · 5	16 -8 96 -8 76 -8 00 -8	83 93 89 87	3 -91 8 -91 8 -85	1 -69	£ -90 6 -88	1 ·87 9 ·88	9 -87	6 ·83 0 ·14	9 180	8 -882	-5
	24 25 26	947		0 8	70	811 840	-63 -10	63	-83	8 -81	5 53	95	6 -8	67 -9 43 -8 39 6	64 .	84 -6	65 '8		5 -95 8 -79 4 -88	W -S1	8 -77	8 .83	1 '77	6 76	0 -78	5 -791	
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The numbers in these columns are not observed, but interpolated for the note of obtaining the delly Means.

	AND TENSION OF THE ATMOSPHERIC VAPOUR	

Gotting Mesa To	en me.	Noon	. 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	23	23	
Madra Neus Tu	4	P. M. h. m. 4.41	h. ra,	h. m, 6.41	h m. 7.41	h m. S 41	h m. 9.41	b.m, 1041	b. m. 11.41	h, m. 18.41	h m. 13.41	h. m 14.61	h. m. 15-41	b.m. 16 st	h. m. 17.41	h.m. 18.41	h. m. 19-41	b m. 20,41	h. m. 11,11	h. m. 22,41	b m. 23.41	b. m. 6.41	h, m. 1,41	h m. 2.41	3.41	July and Monthly Mesons
		and the second second								٠	٠															
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7 8 8 9 10 11 12 12	-75 -70 -73 -67 -77	-79 -74 -75 -72 -83	-82 -77 -78 -77 -83	·84 ·80 ·75 ·74 ·83	-85 -82 -81 -75 -83	-89 -81 -83 -76	-89 -85 -81 -77 -83	93 -87 -81 -82 -85	-58 -57 -83 -83 -85	-93 -94 -59 -88 -81	*94 *94 *90 *88 *85 *85	*94 *13 *90 *10 *83 *83	-12 -89 -91 -91 -88	-93 -88 -89 -39 -91	·92 ·87 ·87 ·86 ·91 ·91	·88 ·83 ·79 ·73 ·89 ·89	·85 ·81 ·70 ·83 ·87	·81 ·77 ·73 ·69 ·77 ·82	-80 -74 -74 -61 -75 -87	·79 ·72 ·70 ·71 ·76 ·89	*76 *69 *70 *67 *75 *84	*80 *66 *75 *66 •72 *83	·76 ·65 ·75 ·67 ·73 ·81	·75 ·67 ·73 ·66 ·74 ·82	-8 -8 -7 -7
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Means.	762	·784	806	·811	-820	-823	.829	-844	-858	868	-873	·873	·878	·880	· <b>87</b> 9	-836	-803	-765	745	·741	-731	·730	-737	·743	-8
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A 17	958 -743 -762 -560 -865 -837	·753 ·760 ·864	755 764 852 863	·740 ·769 ·888 ·870	·7±9 ·773 ·89± ·869	736 775 -890	·7:8	759	-779 -809 -869	-838 -759 -811 -861	-747 -820 -866 -827	-810 -737 -805 -867 -825 -719	·868		753 731 *809 *353 *318 *780		·787 ·751 ·830 ·879 ·831 ·821	-802 -743 -853 -801 -812 -792		·768 ·796 ·906 ·859 ·879 ·780	-779 -755 -881 -860 -887		·770 ·768 ·818 ·874 ·847 ·752	748 778 -858 -854 -854 -745	
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• The numbers in these Columns are not observed but interpolated for the sake of obtaining the daily Means,

792

795 789 792 788 788 788 788 788 794 797 793 790 788 777 780 784 787 797 782 789 807 807 808 801 796

Gottingen Mean Time.	Noon.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily as Monthly
Madras Mean Time,	P. M. b. m. 4,61	h m. 5,41	h. m. 6,41	h.m. 7. sl	h m. 8,61	b. m. 9 41	h, m t0,4t	h. m. 11,41	h, m 12,41	h m, 18,41	h m 14,41	h, m 15 41	b m, 16,41	b m 17,41	h. m. 18,41	h. m. 19,41	b m 20.41	h. m. 21,41	h. m. 22,61	h. m. 93,41	b. m. 0 41	h.m. 1.41	h m. 2.41	h. m. 3.61	Monthly Means
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FOR THE MONTH OF JULY 1852.

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1 2 3 4 4 5 5 6 6 7 7 8 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	ort,	ort,	ort,	eri, 8 do 8 do 8 er, crobs, ca 2 er, crobs, ca 2 er, crobs, ca 8 ersi, crobs, 3 ersi, crobs, 3 ersi, crobs, 9 ersi, crobs, .	fiero, cer-cu, cre-bs., a fiero, cer-cu, cre-bs., a fiero, cer-cu, cre-bs., a fiero, cer-cu, cre-bs., cer-cu, cer-bs., c	en, derrhs. en,		97.5 8 97.2 97.0 97.0 98.0 97.0 98.0 97.0 98.0 97.0 98.0 97.0 98.4 98.3 97.6 8 93.4 98.4 98.4 98.4 98.4 98.4 98.4 98.4 98
1	cu, cr-hs, 4 do. cim, 6 ovt, 8 do 8 do 8 do 8	cr. cr-at, ntm, o	do 8 cr-cu, cr-st, cr-hz, do 3 do 8 do 8 do 8	cr, cr-bz, cr-4, 4 cr, cr-cu, cr, cr-bs, 4 cr, cr-cu, cr, cr-bs, 4 crt, 5 do 8 do 8 cu, cr-cu, cr-st, bs, 8	do	ort,		88-7 7 91-7 7 94-6 8 92-9 7 94-7 8 86-5 7 90-7 7
п		REMAR	KS ON THE WEATE	IER FOR THE	MONTH OF AUGUS		+	911. 7
1 22 8 4 5 6 7 8 9 0 1 2 8 4 5 6 7 8 9 0 1 2 8 9 0 1 1 2 8 9 0 1 1 2 8 9 0 1 1 2 8 9 0 1 1 2 8 9 0 1 1 2 8 9 0 1 1 1 1 1 2 8 1 1 1 1 1 1 1 1 1 1 1 1 1	ogeregarsagenha (  growth (   growth (  growth	ort, creager-liperible, decreager-liperible, decrea	ort,	co, crist,	eresis, eresis,,,,,,,,	es, criss, simp, de		9234 5 8 8 8 8 8 8 8 8 8 7 7 7 7 7 7 7 7 7 7
EXPLANATION OF SYMBOLS	TABLE. TABLE. TABLE. et al., around chimum-reloads or cloudy cr or, cif., cirri or cirro or cirrous cr or, cir., cirri or cirrous cr or, cirrous cirrous cr or	DDev ddense disdetant dtdetabol			3	fipati or partial Rblain Rblain Efouth Polbloth Alhlett	ththunder	tiewitid

1 2 3 4 5 5 7 8 9	evt, RR. th-S.R 8 cu, cu-st, er, cr-hr, 7 cu, cr, cr-st, hr, 6 ert, 8	es, cr-st, 8 cr, cr-st, hz, 2 cs, sr-ss, er-st, d-hz, 4	en, it-he, ig-S,			
2 3 4 5 6 7 8 9 9 1 2 3 4 5 5 7 8 9 9 9 1 2 3 4 5 5 7 8 9 9 9	6.9 (6.1)	on, men, ord, obt, ord, ord, ord, ord, ord, ord, ord, ord	00, mer. d. mer. h. h. m. of mer. h. m. of m	ort, by R. f. r. sir-light, the chair by R. f. r. sir-light, ort, ort, ort, ort, ort, ort, ort, or	es, crast, crabs,  for early crabs,  for early crabs,  de since relative  de since relative  de foreign the B.  ort,  sold the since relative  cort, she la N.  ort, she la N.	en, Corel, erreig, co., Corel, erreig, co., Crea, En, co., Crea, Crea, co., Crea, crea, co., Crea, cre
		REMARKS ON THE	WEATHER FOR	THE MONTH OF OC	OBER 1858.	
1224567690125456789012545678901 2 21007	deep	se, ment, with the second of t	Seed of the Wilson Seed of the W	es, erodo, big	clier, D	eren, es ha

1 cu, cr-1 2 cu, cr-2 3 cu, cr-3 5 cr-bx, c 6 cu, cr- 7 cu, cr- 8 cu, ur- 9 cu, cu 11 2 cu, cr- 3 cu, cr-	## Property   18   18   18   18   18   18   18   1	eu, cu-st, cr-ha, 3 cu, cu-st, cr-ha, 3 cu, cu-st, cr-ha, 6	16 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	19 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	88 Octobra 1 in 81ha.	88 88 Cloudy sky in Sibe	Radiatie	
2 cu, cr- 3 cu, cu- 5 cr-bz, c 6 cu, cr- 7 cu, cu- 8 cu, ur- 9 cu, cu- 1 2 cu, cr- 3 uvt,	et, cr-hz, 4 -cu, cr-zt, 3 -st, cr-cu, 7 -cr-st, 6	eu, eu-st, er-bs, 3 eu, er-eu, er-st, 3 eu, eu-st,er-eu,er-bz 6	co, or, er-hz, 6		Cloud	1	Sol. T.	- W W
2 cu, cr- 3 cu, cu- 5 cr-bz, c 6 cu, cr- 7 cu, cu- 8 cu, ur- 9 cu, cu- 1 2 cu, cr- 3 uvt,	-cu, cr-st, 3 -st, cr-cu, 7 -cr-st, 6 -cu, 2	eu, er-eu, er-st, 3 eu,eu-st,er-eu,er-hz. 6	ev. er-cu, er-h#.   3			5		T. DELL. M
4 do. 5 eu, cu. 6 eu, cu. 7 do. 8 9 eu, cr. 1 ur-cu. 2 eu, cr. 3 du. 4 cr. 6 eu, cr. 6 eu, cr. 7 er-cu, cr. 9 eu, cr.	**************************************	18, crea, 18, 18, 18, 18, 18, 18, 18, 18, 18, 18	ort, 8 Inches et al. 10 a.	m, er, dew-bit, or er, ered, er-bit, eq. (6) by separate of the property of th	co, cerd, de-relay, 7 ori,	deut. er. ec.   deut.   deut		93-7   80-9   94-9   81   94-9   81   94-9   81   94-9   81   94-9   81   94-9   81   94-9   81   94-9   81   94-9   81   94-9   94-9   81
derring  my-ovi  my-ovi  cu, cri  flow, cu, cri  flow, clear, do. th  rovi, th  my-ovi  ovi, th  my-ovi  ovi, th  my-ovi  ovi, th  cu, cri  cu, cri	D, 0 E, 5 E, 7 Et, 8 Et, 8 Et, 8 Et, 8 Et, 8 Et, 9 Et, 8 Et, 9 Et, .	green, er-hat, 1  1	es, erest,	# dec	Co. Cost	ac-:n, cr-st, cr-bz, 3 cu,cu-st, cr-bz, uim, 5 cu, cu-st, cr-bz, surt, do, R, do, R, cu, cr-st, cr-bz, cu, cr-st, cr-bz, cu, cr-st, cr-bz, cu, cu-st, cr-cv, cr-bz cu, cu-st, cr-cv, cr-bz cu, cu-st, cr-bz, do, do, do, do	125-2 - 139-0 - 147-5 77 135-0 7- 1155-0 7- 1155-0 7- 115-5 77 121-0 77 121-0 77 121-0 77 137-2 71 137	37 905 72 351 917 925 72 351 917 72 49 916 73 66 819 72 86 86 77 87 768 71 87 768 71 87 87 97 87 97 88 87 17 87 97 98 88 3 78 87 97 97 97 97 97 97 97 97 97 97 97 97 97

		REMARKS ON THE V	VEATHER FOR	THE MONTH OF NOV	EMBER 1852.	
Date.	Gottiogen Mean Time.	SS Chaptrikt in 88ht.	. ************************************	9 Cheady sky in Alth.	Cheeky sky in 81bs.	10
1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 6 7 8 9 0	en, ert., etc., list., etc., list., etc.,	Ben, cond. visn, Ben, cond. visn, Ben, cond. visn, 2 on 2 o	en, he continued to the	Cap and a credit	co, on t, robt, ,	en, even, b
		REMARKS ON THE WE		HE MONTH OF DECEM	- 11	
1 2 3 4 5 6 7 8 9 <b>9 1</b> 1 2 8 4 5 6 7 8 9 <b>9 1</b> 2 8 4 5 6 7 8 9 <b>9 1</b> 1	set, br. B,	ent, B	ord, NW, SEA, SE, see expert, sin, ord, ord, ord, ord, ord, ord, ord, ord	ant, feeting, the B	ort, irit-je-E, B, s do do, big. N. W s except to the control of the con	net, do. 18.8,
EXPLANATION OF STMBOLS USED IN THE ABOVE TABLE,	and		by		pl	the control of the co

1 co.e.f.   1 co.e	(B) 2 3	Access   A	THE THE STATE OF T	September 19 miles of the control of	The state of the s	29 Secretary and the secretary	Sel. Sel. Sel. Sel. Sel. Sel. Sel. Sel.	78-22 22-0 78-27 78-27 78-27 78-27 78-27 78-37 78-4 77-49 78-4 77-49 86-4 86-7 86-7 86-7 86-7 87-8 78-7 87-8 78-7 87-8 78-7 87-8 78-7 88-8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	56-4 72: 58-1 76-68-2 73-68-2 74-88-9 74-88-9 74-88-9 74-88-9 74-88-9 74-88-9 74-88-9 77-88-2 75-88-2 75-88-2 75-88-2 75-88-2 75-88-2 75-88-2 75-88-2 75-88-2 75-88-3
2 B B-rel   B cert   R   B cert	),,,,,,,, .	sees, resp	set - measure me transport of the set of the	September 19 miles of the control of	de entre de la constante de la	Secretary of the secret	2 1375 4 1375 6 1075 6	78-22 22-0 78-27 78-27 78-27 78-27 78-27 78-37 78-4 77-49 78-4 77-49 86-4 86-7 86-7 86-7 86-7 87-8 78-7 87-8 78-7 87-8 78-7 87-8 88-8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	86-6 78 86-4 72 86-6 76 86-1 7
1 ort h: 2 co cs: 5 ort, 5 sy-ort 2 co, cs-	R, 8	REMAR	KS ON THE WEAT	HER FOR TH	E MONTH OF DECE	b 011,R,	1	72.0	83-1 74
9 cu,cu-d 1 cu,cu-d 2 cu,cu-d 4 de. 2 de. 5 de. 6 cu,br l 7 avv. 1 cu, cr, 1 cu, cr, 2 cu,cu-d 5 cu,cu-d 6 cu,br l 7 avv. 1 cu, cr, 2 cu	B, 20 Annual Control C	ort.R.	es, er, er-hr. es, er-st, ht. es, er-st, ht. es, er-st, ht. es, er-st, er-hr. es, er-hr.	to ou, erecu, or har,  co, erecu, er-har,  co, erecu, er-har,  do, erecu, er-har,  do, erecu, er-har,  co, erecu, er-har,  do, erecu, er-har,  do, er-har,  co, e	series and the series	details (1997) (	6 1253	71 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	50 (72) 50 (72) 50 (74

• 7

# MADRAS, 1853.

MÉTEOROLOGICAL OBSERVATIONS.

	BAROMETRIC PRESSURE.
Description	at \$50 - 50 Facility leaders . the Number is the Tubi

Cottonie fean Tim	4	Neea	. 1	2	3	4	5	8	7	8	9	10	11	19	13	14	15	18	17	18	19	20	91	22	93	Daily a Monti
Nofres Sean Tim		2. M. 3. m. 441	h. m. 94i	b. m. E.el	h m. 7,61	h m. 1,41	b m. 9.42	8 m. 10-43	h m. 11.41	h.u. 12.61	h.m. 15.61	h.m. Issi	h.m. 16-s1	h.m. Mel	h. n 17 61	le si	h.m. 19.41	h m, fo,sì	h m. VLsi	b.m. 23,41	5 m. 13.61	b-m. 0.61	h, m. Lel	b m, 2.61	b, m 3.61	Meade
	-	10.	In.	In.	In.	In.	ln.	In.	la.	le.	In. -002	la.	-009	la.	lo-	In-	ln	In.	ln.	In.	In.	ln.	lo.	le.	la.	In
	1	0419	0-140	0-960	0-971	0.965	0496	0-999	0-015	0-102	-	-	0-920	-	0451	-	0.000	-	1456	1-972	0-266	0-212	-	-	0.930	0
	8	-845	249	973	-204	1400	100	1405	1404	-596	-978	1950	-955	-568	-974		1-005	-047	-057	1055	1465	1-006	-584	989		1 1
	4		-278 1-008		1415	·040	1055	·047	-087 -075	1015	-598	-935	-584	1994	1513	1005		100			1066	-638		1406	974	1:
	6	1-000	-018	-038	1060	1083	-069	1935	-073	-055	-044	1028	-017	-917	-023	-645	-067	-094	-093	1090	-058	-027	0-966	0.173	-961	1
	7	974	-984	995	1093	·048	928		-639	1905	-911	_	0:980	_	-000	-025	945	-071	-078	-073	-053	-445	1-000	-951	-970	1
	9	-	-	-	_	-	_	_	-	-	9404	-947	-538	-939	0.947	-5.87	0-29	1024	-027	-022 -042	-004	0-980	0 949	929	-923	0
eż.	10	929	943	-961 -259	978	0-999 1-ms	-009 -921	1000	0-994	1,006	-591	-582	-968	-965	-971	-585	-Dol	1085	041	-015	-024	-985	-945	942	110.	1
1853.	12	919	999	957	981	*008	933	-025	1005	0 999	930	-955	-984	-914	1 005	1 054	-045	1051	078	010	-047	1-007	958	972	-937	1
E.	14	531	-843	-962	0.010		1004	0-997	040	0.903	0462	-537		-925		-953	0-976		-024	014	0-296		-943		914	0
ANUARY	15	916	-\$31	1958	-952	-005			10:023		_	-958	_	-586	-997	100	1-063	-091	-091	-077	1-015	140	.952	-988	-958	1
3	17				1-015	-031	-633	-024	-013	0-999				-576	-555	-028	947	-078	-899	180	1056	-031	1.004	-998	-984	4
_	19	-989	988	1003	-081	-058	-661 -685	-057	-045	1406	-919	-593	1985	-985 -987	-985	.611	-044			-079	-057	-018	1999	-146	-971 -959	4
	80	950	974		-039	-958	961	-059	-045	-020	-001	-987	-580	983	991	1008	-639	-055	-061	*043	-014		957	-988	-927	-1
	21	383	-891	911	944	944	.609	942	935	920	_	_	_	_	-	-	_	_	_	_	0.965	_	-	.882	.888	0-1
	28	804	313	-	-860	-	_	-592	_	-870	-853	-850		-850 -850	-553	1838	-912	1920		993	-899 -938	-863 -914	840	1813	*798 *388	1
	25	857	-873	889	917	-965	-949	-318		-913	-996	-831	-873	-877	-582	-901	-920	-544	-952	-249	-018	-553	.867	*845	*849	1 1
	98	·838	845	*877 *883	913	918	930	-919	911	900	-813	-879	-863	-867	874	1858	-909	-938	1-018	-843	-923 -075	945	1870	1858	*845	1
	98	-901	-930	954	-979	-999	1-013	1-001	-989	-976	1954	-837	-322	-109	-958	-365	-996	-024	-633	012	368	-970	-944	928	-922	1
	29	925	-949	-559	998	1-003	-061	.039	Logs.	1404		-	-	-	0601	1.00	100	-674	-096	-059	1000	1-049	100	-299	-992	1
	31			1-019		-054	-068				0401	0.964	0-965	0:201	9-294	-012	-041	1968	-0\$5	1046	-023	0.994	0.940	-947	645	1
Mesas		-930	911	-965	1988	-009	-020	-013	-003	-538	169	-955	-948	-988	-962	-583	-008	-923	.041	-933	-011	-986	-955	*\$38	-528	01
											-000															
	1	0.963	0.073	1945	1-014	1409	3-019	1-005	0.000	0412	0117	0-940	0.00						190-6							0-
	3	-944	-952	-978	1 001	1-093	1-007	-034	3-019	-592	-989	946	-535	-945	-957	0010	-901	-043	-021	-022	9-947	-960	-127	-908	-817	1
	:	-900	-918 -906			953	95]	960	0-99E	952	-953	-945	-958	-944	1954	-978	1005	-690	-634	-618	1985	258	-528	902	-850	1
	6	-	_	-	-949	-968	-965	_	-955	_	-986	-918	-916	-917	-996	-960 -962		0-996	-001		-958		899	.888	879	
	7		-890	-995 -928		961	-168	1564	-955	-946	923	148				-980	-590	1-01s	-005	-558	-950			*888 *928	-923	1
	9	-928	.941	-958		994	995	-957	·588 ·647	938	918	-938 -549	530	545		-970	-592	-018 -018	-018	1007	·983	-954	917		·898 ·902	-5
	10 11	-911	-529	-941	-959	-571	979	974	957	584		909	-518				-970			983	-549	·947	-893		875	1
2853	19	-858	-600	925	937	-958	969	955	150	919	-926	-919	-913	-515	937	251	-979	-994	-	-	-997	-560	.019	-900	-893	1
	14	-898	-903		940	-965	574	971	968	943	-997	4911	-964	-515	-950	-934	-963	-5:84	0-990	0-945	959	-930	-903	-884	-878	-1
QV.	15	878	-855	-895 -805	·\$12 ·897	907	-920	916	-911	923	-899	1881	1878	-334	-898	-5/97	-957	-961 -978	-984	-979	-939 -955	-583	993	-880	·845 -874	1
EBRUARY	17	-588	-858	-985	.830	946	163	1964	.522	-944	-934 -995	-585	-924	-983	-947	-587	1-061	1007	1-043	7-044	1-015	.988	-553	.337	-537	1 1
24	18	945	-938		1-000	1400	1-990	1034	-017	0-901	-	_	_	_	-	-	_	_	_	_	-044	1-00\$	-571	_	-912	1.4
	20	-	-884	-900	-	0-254	0-953	_	0401	949	951	917	-908 -910	311	915		966	975		1561	933	0.927	-895 -873	·858	·878	0-1
	88	843	847	-859	-327	-899	-503	-517	-911	-857	-925										-987	-514	-899	-872	.883	1 .8
	23 84	878	-885	-896 -989	914	955	166	*938 *983	158	973	905	518	-881 -560	*871	955	915	-\$43	1000	-5/3 1-054	-95s		·924			·885	-5
	25	938	-852	-585	1989	1016	1:001	2451	1405	1409	-594	-979	-183	-971	-979	1-00	140	954	-070	-966	013	1-033	-91/3	-975	-962	1.0
	28 87	958	-	_	-918	_	_	_		_	-579	-584	-950	-965	-950	-005	-918	-638	-050	-049	-027	.000	-089	-853	216	0.5
				-960							-50.5	-961	.977	.5:07	-500	464	-015	-049	-010	*050	1000	1002	41.00	-00	-056	1
	98	944	.921	200	.319	901	ofe	010	910	1-004	***			*00	200		010	•••	0.0		020	000	* 04	204	930	1 '
	18	944	.851	200	.319	901	ofa	A10	910	1-004	***			*00	200	***	010		***		***	000	*00	201	720	'

BAROMETRIC PRESSURE.

Borometer at 82° = 29 English Inches + the number in the Table.

Mea	ingen n Time.	Noo	n. 1	2	3	4	5	6	7	8	9	10	11	13	13	14	15	16	17	18	19	20	21	23	23.	Dura.
Mad lean T	rus ime.	P. M. h. ss. 4.41	h. m. 6.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	b. m. 9.41	h. m. 10.48	h. m. 11.41	b. m. 12.41	h. m. 13.41	h. ds. 1441	h. m. 15.41	h. m. ?6.41	h. m. 17.41	h. m. Us.41	h. m. 19.41	h m. 20.41	h. m. 3L41	h.m. 22.61	h. m. 23.41	h. m. 0.41	b. ro. 1.41	h. m. 2,41	h.m. 3,41	Daily Mont Mean
		In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	Ia.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	Ιυ,	In-	1
	1			0-984			1-026		1-003	1-003	180.0	0-967	0-962	0.969	1-000	1-010	1-033	1-053	1-058	1-010	1-017	0-251	0954	0943	0-923	0-1
	.3		·950	·961	949		0.975	0.975	0.904	0.184 •948	-927	951	*943 *901	905	.921	0.949	0.972	0.000	·039	0.999		977	·943	·918	903	1
	4 5		838		*924 *898		924	.971	984	·945	925	.509	·\$00	904	917	.939	.565	585	0.983	•967	547	912		-872		4
	6	-	-514	-523	-940	954	-970	963	-	_	·895	.895	·889 ·506		·923	948		·993	·998	995	·566	943	920	·897	·896 ·893	1
	7 8	391	.512	-925	.948	.963	.578	970	.962	-946 -552	.933	925	916	.919	.535	-967	995	1.013	.028	1.028	1.002	.982	.948	.928	-521	- 1
	10	.900	·925	·941	.530	972	982	969 •963	·967	.954	947	.944	.935	939	.948	-582 -981	1°011 0.984		.086 -010	·024	0975	969	189	.904	*856 -899	1
1853.	11	·904 ·847	912	-928 -880	·539	·950 ·928	958	967	·950	·949	-928	.918	907	-009	917	935	.963	0.979	0.995	0.977	943	.908	.879	-857	-843	
	13	<u> </u>	836	859	-880	-855	-908	-901	-896	880	·911	·891 ·857		*885 *855	·850 ·866	·910	·929	951	955	·943	-522 -921	·893	*869 *870	·845	·829 ·846	-9
MARCH	15	-855	865	.883	-899	-916	.530	940	921	.902	890	.833	.875	*879	.508	.936	.538	.975	.989	1581	.963	.537	898	.880	.378	• •
MA	16 17	-869	-883	·903	·916	·584 ·945	·940 ·558	983	955	.947	.935	.927	.524		·943	·944 ·969		.997	1.003		·983	.937	·895	·878	·887	
	18	-889 -881		·918	939	956	·974 ·967	*575	*960 *965	·947	.930	-918	.911	-517	-933	-561	980	.594	0.996	-994	-968	948	.518	-891	*87-1	.5
	20 21	812	847	-871	902	-933	_	-934	908	-857	822	.810	·886 ·883	·855	·909	·938	·565	·971	·968 ·951	951	·932	·902	874	·855	-843 -883	.0
	23	-933		·865	.893	.925	.952	948	916	915	.908	·906	-895 -870	-857	.904	.538	·958	984	·985	978	.943	.914	.883	*857	849	.9
	23 24	-819	831	·885 ·847	*505 *874	·925	·946 ·919	.917	914	-851	.875	.863	.853	·872	·889	·899	.901	.919	.920	.896	·\$07	·876	·851 ·798	·833	.774	-
	25 26		·779 ·787	798	*818 *826	1.532	843	847	*843 *831	·826 ·798	-818	-	-808	814	-831	·856	.866	882	-831	-880	-849	.883	757	.776	-	*
	27	_	789	-805	-825	-843	848	-831	-823	-807	·763	.784		·747		·779	·794 ·857		·\$18 ·877	·814 ·866	*800 *845	·780	779		: 179 ·786	1
	29	-787	.803	.816	·841	845	864	·877	·856	*837	824	.816	817	.831	1840	*875	.005	·918	.909	*890 •950	.877	856	829	.812	808.	-4
	30 31			-833 -891	·856 ·910	·879 ·919	*886 *927	·888				-860		.873 -865		-899		942		-937	·925	'890 '875				
Mea	05.	-859	871	-887	-908	926	-939	-939	-929	.913	-897	*886	-880	·886	-899	-925	.947	.965	·971	.960	•936	907	.881	860	-852	0-:
											003		006 + 0-811													
	1 2			821	0-685 -851	-870	-876	-877	-861	.843	-	_	_	-	-	_	_	_	_	_	_	_	_	_		0-8
	3	-818	830	-859	879	908	912	-910	-893	-860		·867	·868		·856	·924		·981 ·899	·976 ·908	·962	·930	·890	·861	·839	·823	.8
	5	740	752	779	·798	814	·821 .837	·816	*884	·785	·774 ·796	769	·776	795	·797	·822		·850	'851 -917	·841	·828 ·927	·795	.758	·730	706	-7
	7	-780	.797	.824	-851	-888	-913	-925			·892	-889	-881	-885			*913	.930	942	.935	910	.879	*849		.822	-8
	8	·822 ·827		·858	·892 ·873	895	931	·929	·531	.923	-	-864	_	·880 —	-	_	-	-	_	943	-	879	-	_	-836	:8
	10	-850	-860	-869	-901	-917	-915	912	-909	-893	-876	·870	·862	-871		·880 ·858	.018	-523	.535		·931	·917	·882	863	·850 ·826	-8
333	12 13	-829	-841	·850 ·837	-878	*897 *874	·918	·914 ·857	·913	·885	.863	·847	.843	.851		·854 ·853	901	.922	.928	.912	.887	·857	.831	812	·802 ·748	-8
<u> </u>	14	747	-752	-773	.787	.814	-825	.838	·824 ·827	·802 ·810	.790	.783	.782	.794			.856	-880	-874			·808	-781	.762	744	.8
APRIL 1853.	15 16	7744	·755 ·785	·780 ·810	·791 ·841	·889 ·857	870	·841 ·867	-853	-835	_	-781	_	791	_	_	-	-	_	_	-	-	_	_	778	-8
4	17 18	-812	819	-826	839	842	855	-858	-837	-822	·842 ·808	·855	798	812	.530	841	.866	·877	.678	-920 -868		.811	-847 -789	.777	·813 ·772	.8
	39 20	·774	786	·814 ·798	· 838	·851 ·836	·865	·858 ·841	·834 ·831		·800 ·803	794	·795	·808 ·814	822	886	·858	·873				823	·757	·780	·768	-8
	21	769	.771	778 788	-805	·826 ·827	849	·852 ·842	843		.810	.795	-791	799	814		850	873	-864	.861	859	.830	-801	.780	.769	-8
	22	·764		788	798	-808	·837 ·807	-803	791	773		-		-	_	_	_	-		_	-	_	entre.	_	754	-8
	24 25			754		-816	-831	816		783	.768		758	-768		·807 796	-828	-839	837	839	.824	791		756	716	-71
	26 27	·726				·837	850	840		·812 ·758	794	783	.775	780			·881 ·822			822 827			·760	735	727	·7
	29		-721	744		.790	·814 ·801	.816		.771	760	.756	-750	756	•779	.758		-337	835	821	· 504 •779	.767		.713	696	.77
	20	021	101	/91	104	101	MUL	808	-100	118	100	145	755	110	102	100	-aru	-010	ara	.101	119	100	121	033	909	.71
																									- 1	

## BAROMETRIC PRESSURE.

Property of 202 - 20 Parish Tasker 1 the Number is the Table

Gotture Mess It	D.	Nees.	1	3	6	4	5	6	7	6	9	10	11	12	13	14	15	18	17	18	19	90	21	23	28	Daily a Month
Madra Mean To	<u>.</u>	P. M. h. m. 4-41	h. m. 5.61	b. m. 6.41	5. m. 7.41	h m 8,62	b. m.	5. m. 10.41	h.a.	h .m. 12.el	h m. 17.41	а m. 15 el	b m. 15 41	h. m. 16.61	n.a	h-m 19.41	h m. 1941	h m. 20-41	h. m. 21 41	8-m 92-41	h.m. 18.41	h. m. 0,61	h m. 1,41	Ь. нь. 9.41	h.m. 5.41	Mean
		Iu.	la.	In.	in.	In.	In.	Ia.	la.	Ia.	In. -0025	In.	-006	la.	In.	la.	In.	la.	la.	In.	In.	Lo.	la.	la.	la.	In
April	80 1	_	0.485	_	_	0.773	_	_	_	-	0.737	0.781	0-732	0-745	0 270	0789	0 100	0-107	0-109	0.618	0-710		6311	0-743	0-735	0.78
	8		783	753 789 727	·785 ·766 ·766	-815 -796 -771	*129 *853 *795	*839 *851 *797	·826 ·616 ·783	*805 *808 *754	794 789 739	784 777 789	·779 ·773 •728	787 783 786	765 754	789 771	800	.815	-520	*832 *811 *801	.795	789 702 558	-768 -731 -722	742 717 098	760 705 653	71
	5	-873	688	.750	748	.774	750	797 792 847	795 -898	-775 -818	758	748	745	756 1818	779	757	·894 ·851			813	*894	*776 *234	·758	738	728	-74 -81
	8	773	-783	795	827	-819	657	-859	849	-829	788	752	-750	-789	768	778	763		-810	807	778	745	717	706	-897	-77
	9 10	-658		758	·742 ·759 ·745	755 783 758	781 807 763	'787 '816 '751	783 -803 -777	·769	786 786 755	-785	753 775 741	·76* ·777 ·748	787	-817 -806 -779	818		-801 -637 -813	·788 ·826 ·794	-807	759	723 -760 -716	-709 -788 -694	-767	-71 -71 -71
1853.	16	886 701	705	728	·760	-778	·784 ·783	-787	779	·765	746	730 754	·751	724	769 767	·798	812	·819	-822	809	-783 -794	760	·746	721	7.00	-71
MAY 1	15	-707	718	737	761	776	7.63	778	708	-751	734	723	·78L	735	-750	777	783	-801	-803	791	-771	748	-735	712		-71
×	16 17 18	708	723	754 745 729	·778 ·776 ·759	787 754 778	-818 -802 -801	-885 -801 -606	-811 -754 -793	-784 -776 -773	767 757 754	755 742 740	738 730 731	-759 -730 -734	·747	-780 -776 -775	805	-817 -620 -806	1826 1821 1805	1807 1839 1798	·787	760 751 745	738 727 723	760 707 711	-705 -697 -706	-71 -71
	19	705	788 702	745 723	775	·780	·785	·784	779	-754 -753	.733	717	708	·712 ·731	741 764	769	789	-804 -798	-799	773 785	.757	788	.718	656		-71
	51 83 23		_	·782	·785	789	-847	-800	787	768	-773	788	·785	799	-810 -880	818	865	-878 -891	·889	-877 -871	-859 -849	830	-838 -809	794	762	-80
	24 25	-766	789	-839 -784	816 789	839	*846 *816		650 656 858	-839 -839 -807	·837 ·834 ·784	-836 -765	·614 ·748	*818 *808 *745	1818 1856	-529		-861	.838	-839	-825	.799		.759	745	*77
	26 27	681	·859 ·895	708	-729 -719	743	767	771	·765	·745 ·718	730	725	-725	740	-773 -797	-789 -755	-797	-759	-801	·761 ·768	701	740	718	-700 -675	-682 -651	71
	28 29 60	-	-659 -882	618	722	758	769	·757	756	784	762	742	·767	764	758	·787	·804 ·778		·868	775	·756	795 738	698	686	669	-74
	81	-660	674	·65i	-718	748	-750	750	.740	.737	-761	710		702	-761	759	.771	778	.786	.770	780	748	-716	705	-684	0.7
Мемя		700	715	707	702	783	73%	-802	752	774	-780	761	-745 -0145	752	.170	793	7803	.921	.931	'807	769	786	760	:720	705	0.7
	1			0.725		0.714	0-770	0.764	0.718	0720	0.715	0-701	0-898	0-695	0:106	0-717	0-795	0.717	0-776	0.743	9-730	0-708	0-628		0-830	0.73
	6	-630 -640 -504	845	·558 ·564	.699	-611	.720 -826	·729	€83	614	572 594	-661 -680	-650 -668	-647 -865	-854 -576	-658 -618	-672 -639	-661	613	674 817	605	665 587	-608 -563	-635 -868	·844 ·514	-65
	5	-	-609	-623	-658	-579 -582	.602 -596	610	-607	-596	-668	-547 -582	513			-867 -625	·581 ·640	-550 -651	-594 *660	-550 -546	-564	-543 -617	-523 -670	505	-489 -650	*5!
	7 8	·655 ·658	606	587	613	-634 -646	·619	1543 1585	-687 -647	-636 -641	-634 -632	638	648	618	816 665	674	-688	700	·703	.853 -887	·856	648		-895 -594	·591 ·588	-6:
	9 10 11	-541		671	-899 -614 -885	-615 -626 -670	·855 ·668	-648 -644 -659	.659	-811			-584 -667		.557 .597	-633 -610	-650 -860	638	-816	·642 ·853	-611 -685	-862 -862	634 -634	-610	515 679	-6
eë.	12	876	703	718	737	780	769	-776	-651 -773	796	-695 -748	·788	741	.756	-780	-802	-611	-605	808	795 787	-766 -761	739	·720 -691	-705 -875	-877 -861	·7
E 1853.	14	-861	-685 -684	677	745	·767	·775	774	·789	756	·787	*727 *867	754 690	·730	748	·769	786	770	757	·749	-729 -745	715 718	698 -738	-687 -685	-880 -669	:7:
JUNE	16 17 18	-646	-864 -658 -655		716	716	·730 ·739 ·737	751 789 740	736 728 735	715	-695 -685	618	·895	·711	716 878		736 711	·753	756	764	723 685	701 669	.681 -848	-853 -628	653 608	-7
	19 20	-886	-693	-704	-731	784	789	-806	-753	777	789	·757	-787	-756	767 771	784	·815	-617 -788	1815 1786	799	·788 •759	760	738 ·700	·717	-895 -662	7
	21 25	-630	664	-896 -067	705	·728	788 757	·741 ·778	786	721	717	-719 -732	716	730	739	743	·756	·776	793	743	·721 ·783	706	701	548 -664	-828 -847	-7
	23 34		668 681	-670	-695 -695 -663	725 705 674	741 721 725	-756 -734 -741	·745 ·760 ·788	738 703 499	728 -696	·783	731 687	787 853	·749 ·701	·771 ·716	783	·757	767 731	·770 ·723	·752	.754 -580	690	-667 -513	625	-6
	5 6 27	-618	630	648	-667	-682	697	-704	702	890	692	-685	·6×3	-885	699	.719	758	·754	·745	727	·703	-586 -634	-654 -609	·636	824	·6:
	96 99 30	-586	603		661	539	656 714 719	716	·875	615	-575	671	-671	1079	-874 -703	729	787 788	765	797 740 781	-657 -787	·669 ·715 ·710	·639	659	-625		.6:
	39	916	.00/	-051	765	-689	119	731	-707	-653	869	.861	-882	673	-033	717	-728	753	.481	737	710	·660	857	-638	-607	-61

The Sainborn in those Columns are not observed , but interpolated for the make of obtaining the daily Menns, and those numbers on the baseled from are the corrections of unterpolations.

Gettingen	Noon	1	8	3	+	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	90	91	20	23	
Modras fean Line.	P.M. h m. sell	-	b 71	h.m. 7.41	h.m. 9. 61	h.m. 1. 41	h-m. 10, 41	h.m. Il. ei	h m. 18 el	h.m. 16 st	h =:	h m la si				h ==	-	_	-		b. m.	h m.	h-m. 7,41	h m.	Duly of Months Norma
	ln.	In-	Ia.	Is.	In.	Is.	In.	In.	In-	ln-	lo.	In.	Iu.	Iu.	ln,	In.	In.	In.	Ia.	Is.	In.	In.	In-	In.	Iu,
1	0 pos -630	610	0-616 15-62	0 639		0-676	257	738	9671 -731	0-665	0-664	0-669	0 611	0-639	0718	0-750	0.770	6-739	0 727	6-713	0488	0-687	0.666	0-651	0 67
3 6 7 8	653 655 689 587	540 683 589 699 697	659 762 691 714 716 740	715 716 758 740 759	704 710 730 772	·714 ·741 ·784	-797 -801	785 -788 -746 -787	791 613 737 783 791	724 714 690 728 775	722 719 671 723 774 764	710 -700 -663 -719 -770 -781	729 695 665 741 773 764	731 6.0 689 745 788 777	754 -635 782 -770 795 -789	706 735 78t	718 747 755 815	722 752 759 813	·718 ·756 ·794	780	-851 -718	651 661 556 739 729 743	616 551 -568 -720 -712 710	-556 -626 -660 -703 -686 -688	70 69 70 74 76 76
10 11 12 12 13 14 15 16	630	8 12 618 630 665 680 688	661 837 614 676 689	678 850 673 -704 -724	609 681 696	-799 -890 -709 -799 -759 -776	732 712	713 702 721	-713 -883 -768 -731 -737 -769	750 701 684 594 718 -763	721 893 615 686 697 738	704 691 855 589 893 735	894 695 691 599 706 744	707 709 705 710 730 757	783 728 715 726 732 776	790 -741 -759	737 737 741	781 721 734 784	719 -736 -709	718	696 685 618 -668 -714 -726	639 639 638 639 853 719	*845 *613 804 516 *661 -850	536 536 620 614 680	-75 -67 -63 -71 -73
17 18 19 90 91	-696 586 -598 618 -659	707 689 608 822 681	719 684 632 635 618	748 702 636 638 740	-786 -717 -577 -672 -770	772 784 688 701 782	-791 -751 692 -716 -759	787 747 678 707 758	778 712 870 702 789 805	-789 -772 -712 -668 -696 -771	-707	848 -770 -818 -638 -702 -763	-809 778 -696 -653 716 -774	792 707 654 729 788	·727	729 702 763	745 734	809 718 731 788	819 797 718 718 783 -809	768 695 696 742	734 -673 -670		713 -655 -617 -631 -877 -705	700 657 601 615 639 854	-77 -76 -76 -70 -70
23 24 25 25 97 28 29	690 -751 -760 -733 -763	711 784 772 767 745 750	735 750 783 764 788 768	773 774 815 810 785 813 860	-815 -812 -831	-818 -807 -853 837 -838 -846 -810	-810 -822 -865 -815 -828 -850 -812	-832 -814 -856 -825 -843 -797	-810 -613 -810	-788 -799 -828 -798 -808 -815	\$18 791 803	-776 -787 -813 -790 -808 -805	788 -788 -814 -796 -615 -808	754 818 834 808 828 824	831 848 838	817 873 858 -860	286 280 876 874	854 879 868 866	836 834 834	811 831 833 833	-757 -808	722 772 778 778 784 766	754	754 761 761 735 784 741	77 75 92 80 80
· 31	=	-	_	=	=	-	_	-765	-	761	750	744	745	788		·793				784	768 -781	740	·719	·710	0.7
ALCOUS.	1			740	7,10		***	740	_	-002	_	- 003	7 40	101		700	700	700	770	700	101	100		97.	
1 8 3 4 5 8 7	719 -727 -650 -878 -671	0 770 -733 -741 -765 -655 -685	785 768 700	9787 -777 -795 -750 -755 -720 -723	-809 -818 -781 -751 -739	·818 ·530 ·799	-819 -827 -504	826 816 793 779 754	0790 -823 -777 -787 -754 -746	768 783 741 727 729	0:00 -789 -760	0.780 780 758	777 758 757	6-771 -783 -764 -770 -745 -738 -731	753 756 768 748	759 873 775 -758	818 818 789	*841 *866 *809 *795 *757	·815	*810 *775 *778 *755 *738	0779 757 752 715 725 725 717	976 758 724 718 701 896	0718 -755 -711 -700 -677 -658	6715 749 71-0 675 657 673 665	77
10 11 12 12 13 14	-667 -559 -618 -730	-580 -679 -714 -767 -745	702 738 794	715 715 761 609	745 745 780 813	754 768 799 821 804			-742 -731 -786 -817 -782	·743 ·717 ·772 ·758	748	748 -705 -760 -779 -715		758 725 765 8J7	769 751 776 631	775 760 707 859	789 -791 -813 -860	-751 -898 -816	.753	771	749 741 784 802 -718	·725 ·713 ·787 ·779 ·685	*694 *692 *742	-665 -657 -725 -745 -650	7778
15 16 17 18 19 90	745 744	-688 -718 -717 -747 -703 -636	716 737 738	-737 -747 -760 -767 -730 -680	778 788 783 760	.718	773 -810 793 -793 -773 -738	-788 -786 -787 -786 -764 -725	-746 -778 -775 -775 -757 -695	-738 -753 -758 -761 -741	764 -753 -745 -752 -750	-724 -748 -745 -718 -723	720 745 751 751 722	749 -753 -771 -785 -730	747 772 793 791 743	751 760 811 813 761	771 790 822 828 768	-770 -803 -831 -824 -767	783 -805 -821 -825 -748	746 792 610 783 718	729 778 777 761 696	·703 ·758 ·737 ·675	-878 -721 -731 -717 -843	-687 -696 -781 -695 -642	77
91 23 23 24 93 26	-638 -527 -667 -513 -678	-649 -639 -679 -705 -703	541 667 695 730 715	-084 -659 -727 -710 -737	697 -718 -754 -758 -753	714 729 774 765 772	-723 -732 -778 -765 -770 -757	-711 -723 -779 -756 -758 -755	-684 -711 -784 -739 -752 -717	-671 -670 -705 -757 -729 -739	851 763 754 713 731	612 .653 -694 -750 -724 -724	692	643 664 708 757 710 727	-657 -728 -784 -758	701 753 804	717 758 807	-739 -781 -518 -767	·725 ·721 ·750 ·518 ·747 ·757	738	678 684 718 758 719 716	658 661 740 740 707 693	*649 *646 *865 *708 *687 *668	631 633 653 598 650 649	6 6 7 7
27 28 29 50	-638 -603	658 619 828	-693 -678 -651	700 679 673	716	718 725 716 714	-723 -723 -722 -716	-735 -709 -714 -712	-659 -769 -769	-709 -685 -696 -710	-676 -675 -637 -717	-878 -663 -650 -722	-682 -638 -691 -733	-691 -654 -711 -784	·688	.722	762 798 753 800	715	.710	728 -692 -713	-699 -686 -675 -712	639 842 573	-558 -621 -616 -658	-610 -605 -611 -635	7667

							Bar	omete	rat 0				IC P				r is ti	e Tab	de.							
Gottings Mean Ten		Noon	1	2	3	4	\$	8	7	8	9	10	11	19	18	14	18	16	17	15	19	20	21	23	28	
Maires Mean Ten		P H. h.m.	h m. 6.62	h. pr. 0.45	h-m. 7.41	h m. 6,41	h m 7.62	h m, 19,41	b, m. 11 61	h m ii d	h. na ]3-11	h. m ls-si	b m. 15 si	b m. 10.43	h. m. 17.43	h. m. 18,44	h m. 19 sl	h m 14 08	b m. Si.el	b m. 32.60	h m. 35.66	h m- 04i	1.61	h. m. f el	h, m. 841	North Monas
-	-	la-	Ia,	Ia-	Ie.	Is.	la.	la.	In.	In.	- oos	la.	In. 1005	Ia.	la. l	Is.	ln,	In.	Ia.	In.	In.	In.	In.	ls.	lo.	ls.
	1 2	-635	645	-656	-673	-708	.723	740	-729	-711			• 703 •703							0770		n 704 -719	-693	n ess -678	658	0.71
	4 8	-654	75	770	711	-5/12	-817	-631	-767 -817	-518	797	789	·757	-759	-813 -798	-820	-839	-810	-875 -819	-860 -834	8.7	*810 *768	-737	-756 -715	·735 ·704	-78
	6 7 8	-894	-711	1 -74	-770	751	7:6	-800	759 757 826	784 791 816	777	-778	-776 -785 -845	755 503 820		*815 *875 *875	-856 -515 -855	-868 619 -836	-870 -815 -819	-860 -837 -859	-939 -817 -964	-812	·758	·789 ·735 ·799	-741 -725 -777	-75 -75 -85
22	10	-7:7	-80	9 -82	-833 -833	:867	.538	-853	-874 -833	-865	-813	.823	-818	797	820	861	-8>7	-510	910	-834	.883	-856	-817	795	750	-84
R 16	11 12 13	785	•75	1 -77	-865 -829	·837	-850	-853	-837 -879	-828	-758 1820 1936	*810	18.05	-510	-865 -521 -830	*815	-565	-877	-878 -877 -883	-\$60 -\$63 -867	-839 -838 -845	894	·770 ·777 ·791	742 763 777	-735 -751 -771	-8
SEPTEMBER	15	776	78	3 ·825 7 ·813	-848	-563	-879 -876	873	-863	-850	*827	813	523	-819	·812 ·819	1858	-880	-857 -851	-881 -878	-861	835	-868 -795	·773	788	758	-8
SEPT	16 17 18	-771	-79	9 -83	_	-578	-8:4	-859	-671	.857	-529	-839	316	-535	-813	-817	-871	-884	-881 -831	-872 -868	845	-815	778	787	788	*
-	20		.76	\$ .790	*506	-917	1824	820	-814	-8+2	755	-775	758 772 763	-779	784	-795	-82	-873 -828 -813	-851	-812 -817 -817	-817 -779 -8-0	·783 ·757 ·770	726	716	724 613 73)	-7:
	93	1.736	74	3 76	757	-825	-8/1	1 -815 1 -840	781	751	778	-771	-776	758	*790	-503	-83	-627	-826 -784	*805	778	748	719	704	761	-7
	24 28 28	-67	_	_	751	_	_	778	_	_	-714	18:19	1 '683	685		-710 -68	-723	734	736	·722 ·710	1858	-663 -665		618	-512 -856	-71
	27	-816 626	·61	2 ·63 8 ·66	678	700	705	716	703	-693 -680	*863 *870	-649	-616	-659	652	-650	70:	·711	715	-706	*670 *856	-643 -668	-816	'615	·898 -815	-6
	99 30	-618 -683	-87	8 70	724	-738	-741	748	•735	-715	-710	711	-638	-6:6	.707	73	74	769	763		-742		-631	-619	-646	7
Means	١.	708	724	-749	774	797	-809	-899	-797	783	_	_	s-760	_	777	-797	-815	*529	827	*814	-750	760	731	-714	703	0.1
	1	0.510	047	0.70	974	0755	076	e fra	075	prin	m-09		-000													
	9 8	-618	-625	-645	-654	-653	-705	713	-854	-877	-655	1247	1 146	1858	-670	-637	-711	-793	718	-699	-673	-637	-604	-383	-882	9-7
	5	-875	1512 1552	-614	.641	-857 -871 -732	-671	1668	-855	1836 1639 1738	-630	-619	638 -781	4538	-635 -652	70	72	719	-758	-78×	-712	626	-588 -636 -745	-817	-615 -726	*6 *6
	7 8 9	-749 -859	177 1871	-581	914	-858	-869	-869	-561	-841	-905	-528	-837	-857	-878	-856	-925	937	-537	-924	1857	-872	857	-846	848	-8
	10 11		905	817	-553 -520	.582	988	·567	*955 *936	-435 -510	-122	-917 -983	918	-518	-524	-944	-968	973	-575	-956	-948 -918 -841	-882	-508 -854 -853	+871 +839 -827	-861 -844 -824	-9
1853	12 13 14	-838	-868 -851 -851	-88	907	1929	1936	927	-917	894	-883 -869	-880 -858	871	-878 -859	"889 "889 "901	-914	1944	1950	1941	-925 -528	-895 -897 998	*561 *879	·831 ·843	-819	-819 -896 -833	.8
3ER	15 18	-847	.886	-583	-511	928	-944	**1	-922	-910	-895	-818	794	-900	-517	-93 (	-961		-968	-589	-919	-859		-857	847	-9
CTOBER	17 18 19	826	-871 -831 -824	-85	918 -881 -886	-897		-101	492	-850 -869	-258	*851	-869 -848 -864	-856	-888 -868 -885	-885	-918 -911	-923	-530	-993	-875 -878 -904	-819 -851 -871	*834 *847 *547	-816 -811 -830	1814 1805 1690	-8
Ü	20	859	867	-587	-891	913	-919	910	-503	*859 *902	-875	-855	853	1868		-908	931	-953	-952	1944	*938	*892		*834	.812	-8
	22 23 24	853	1850	-525	917	166	_	-	_	_	923		-90s	-919	-929 -907	-953	-567	990	-991		943	518	-898	-878 -855	-878 -861	.9
	25 28	·872 ·891	915	-52	959	190	-971 -971	959	943	965	-967	919	1554	-512 -989	-534	945	1-00	1-099	1-060	978	1027	1000	*853	-131	874	-9
	27 98 99	958	986	97:	1008	-096	029	-014	0.993	931	-587 -946	130	.974 .528	-930	343	0.003	_	0-112	_	-	0871	1940	-918 -913	-534 -857	·980 ·816	-5
	30	-	_	_	188	_	_	_	_	-	-915	1507	911	-926	-939	-915	1-00	1-013 0-247	-016	-995 -975		949	918	*504 *899	*9ne *878	-5

<sup>.</sup> un 134 Google

\* Der Standern in these columns are not observed . but unreposited for the naire of alternating the fairly Minner, and these numbers on the health of them are the corrections of interpolations.

BAROMETRIC PRESSURE.

	ne.	Noon	. 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	92	23	Daily a Month
Madras Mean Titu		t. M. h. m, 4.41,	.h m. 5/41	h. m. 6/41	h.m. 7-41	b. m. 8-41	b m	h.m. 10-41	h.m. 11-41	h. m. 12.41	b. m 13-41	h. m.	h. m. 1 16.41	h m.	b. m.	h m.	b m. 19-41	b. m. 2011	h m. \$1:41	h. m. 22-41	h.m. 23-41	h. m. 0.41	h. m. 1,41	b. m. 2,41	h. m 3.41	Month Means
		In.	In.	In.	In.	In.	In.	In.	In.	In.	In. -0025	In.	-10011	Ia.	In.	In.	In.	In,	In.	In.	In.	Iu.	In.	In.	ln.	In.
	1		0 890			0.914							0.800										0.863			0-90
	3	823	1833 1835	853	·869	·880	.877 ·872	·880 ·863	*854	·834 ·825	.806	·820 ·791	-79#	.807	·830	·858	·869	·850	.893	·913	·880	*856 *814	-786	.781		-8:
	5	·\$00	·827	'857 '871	·864 ·893	·873	·\$08	·867	1855	·812	.800	753	_	.799	.831	*866	-898	914	918	_	.883	-868	_	-829	817	-8
•	7	-827	·850	-868	877	-892	893	-878	856	849	838	819		·837 ·823	·846 ·84)	.863	.896 -886	·894	·961	879	·920 ·879	·857	·838 ·826	1814	·822	-8:
	8	-832	·831	813	917	·859	.862	·867	1866	·851	·830	·813		·809	*837 *913	938	·903	918	921	·942	909	·853			·845	.9
	10 11	-485	-522 -880	917	968	·987	994	993	·968 ·898	·360	938	-531 -833	.831	·533	·950 ·867	965	.003	1 001	999	·980	·943 ·880	910	.879	·851	*849 *786	·9
	12		818	.836	857	873	-877	857	.826	-816	-819	856	-361	876	884	895	937	-968	971	_	933	910	_	-	-	-8
BE	14		·898 ·906	·\$31	960	966	972	974	.960 .953	·953	·028	909	.908	·918 ·833	·943	'570 '533	·993	1.018	1 018	959	·970 ·022	·943			1888	-5
VEN.	16	-547	869	-857	156	1943	.913	.543	.913	.91/3	.893	*886	.885	889	.915	1525	956	-967	963	.952	.031	-891	.871	.85 \$	855	-9
	17 18	-897	·876	·856 ·939	.031	·044	991		-178	·\$81	·915	.931		925	183	·955	·987	1.005	1.008	.990	·963	·919		·895	.893	-9
	19 20	-	·\$26	-039	955	975	-979	-570	.965	.946	·\$35	929	.923	.527	951	-572	995	-009	013	1,003	-574	.011	927	910		-9
	21 22	-933	941	·955	·981 ·986	·953	1.007	1.000	987	961	138	·947		948	964	982	1.003	.000	·019	008	·\$83	·562	941	8:4	'928 '890	-9
	25		906	·929	945	·961	967	913	928	·916	·901	.830 -895	.893	896	819	941	963	947	954	·951	·931	·\$02		·865	'867 '879	-9
	25 26	-589	503 873	931		164	·567	954	·943	919	85-6	-877	876	-885	909	925	151	956	1572		.033	-905	833	-866	862	-9
	27	_	909	927	553	893.	-179	_	-568	-953	·852 927	·879		·893	·909	·530	·558	975	974	·575 ·991	·955 ·977	934	·\$07	·894	-893 -913	-9
	29	917	935		974	.953	1,003		.983	980	.966	.956	.919		.563	·993	1.033	-043		1 050	1.004	·575	·951	.935		.9
Means.			886	-908		-944														-961	0.986				-862	Me
M Cally		1	200	300	725	027	310	***	301	310	- 0015	300	0015	000	300		505	370	310	501	303	510	000	-	000	
											•		•								•					
	1 2	529	952	977	9976	0-991	1 092		0.985			0-917 -985	943		0915 -590	0.973	1.005	1.017	1 018		0.989	0-963 -986	969	957	955	0.5
	3	-968	980	1.005	1 028	.038	.033	011	0997	0.953	943	-506	_	_	926	0.955	0 249	0-126	0 197	0.987	0.962	.583	-503	_	-886	-9
	5		905	0940	0.958		0.933		958	953	.842	.039	.528		.931	.951	.976	.5:8	.228	.950	.\$60	.036	-993	·855	.881	.5
	7	:511	932	080	.893	1 013 1 013	1.009	·956 ·950 ·992	.089	·961		.048	.033	.928	940	948	·\$62	1-010	1-008	1.003		·915	*003	.893	.851	-9
	9	-519	·980 ·941	.964	.951	.003	·003	997	987	.885	·943	·927	.855 .855	·928 ·974	.586 .586	978	1-004	·013	·069	-007 -052		989		·905	·903	-9
ő	11	-	· \$ 5 5	975	-956	_	.053	1.017	1.006	+992 —	1 003	1:016		1-097	1.031	·054	.079	.093	.089	.078	054	1-019	1-007	-588	977	1.0
-	13	978	1.001	1.040	1.017	052	·062	-049 -059	.041 ·047	1-024	·005	0.988		0 986	-005 -027	·033	-060 -075	180	.088	079	.959 ·055	.029		-031 -975	971	.0
4	14		091	·010	·025	·040	·049	·015	+039 +059	·007	0.997	0 959	0.983		·008	·027	·070	*097 *088	.099	·083	·068	-020	1.007	·905	*587	.0
TOTAL	16		006	.010	·017	·069	·076	·066	·067	.039	.026	016	1-016	.031	037	053	084	.056	.029	.093	.053	.016		.880	.970	•0
VEST DEIL	17	1 000	976	.011	-027	-041	070	-034	015	-007	·025	-608		978	.009	·021	059 045	·077	.086 .088	·075	·051	023		·97 ¢	·164 ·951	-01
DEVESTORIA	18	1671				-020	030		.007	0.993	.974	0998 058	954	.061	0 990 -1 69	0.997	.025	.047	054	-045	-050	0.995	-965	.055	.\$50	0.55
DEVESTOEIL	18 19 20	955	966	0.988	0.998									1.015	1.020	1-039	-071	-101	'095	.082	-058	1-021			.966	
DEVENDER	18 19 29 21	955 562 962	966 973 1-003	0 988 1.004 • 019	1 028	·048	.058 .069	·053	·061	1-014	1012	1.092 017	.023	-037				.117		.113	.083	-051	1-025	1.003	1 003	.03
LOCATION	18 19 20 21 22 23 24	955 962 1009	966 973	0.988	1 028	.048	1038	053 066 070 027	·061 ·058 ·019		.031 .031		-019	-037 -029	-033	.050	-080	-056	097	·112 ·078	.083 -046	·016	1-025 0-978	0-960	0.956	-01
PLOESIDEN	18 19 20 21 22 23 24 25	955 962 962 1 009 0.934	966 973 1.003 028	0 988 1.004 •019 •049	1 028 -045 -060	-048 -060 -073	.058 .069 .093	066 070 027	·061 ·058 ·019	-053 -051 -013	.034 -034 -031	017	-022 -019 -0774	-037 -029 -986	·033	·050	·080	·086	·057	-078 -076	.083 -046 -050	·051 ·016	1-025 0-978 -994	1-00% 0-960 -989	1 003	·01
DECEMBER	18 19 20 21 22 23 24 25 26 27	955 562 962 1009 0.955 589	966 973 1-03 028 969	0 988 1.004 •019 •049 0.992 1 033 •081	1 028 -045 -060 -020 	-048 -060 -073 -085 -075 -121	·058 ·069 ·035 ·035 ·035 ·036 ·130	066 070 027 	·061 ·058 ·019 ·077 ·115	-053 -051 -013 -074 -103	084 091 1034 088	017 019 0973 1-035	019 -019 -0174 1-031 -063	-037 -029 -986 1-019 -069	·033 ·015 ·058 ·081	-050 -031 -076 -055	-062 -103 -115	-056 -086 -125 -137	057 -054 -130 -147	-112 -078 -076 -125 -131	·083 •046 ·050 ·105 ·099	-051 -016 -021 -081 -071	1-025 0-978 	1-003 0-960 -989 1-043 -025	1 000 0 256 1 79 1 035 1 021	·01
Na mercora	18 19 20 21 22 23 24 25	955 562 962 1 009 0.934 - 589 1 044 - 002	966 973 1.003 028 0.908 — 1.003 0.50 0.41	0 988 1.004 •019 •049 0.992	1 028 -045 -060 -020 -035	-048 -060 -073 -085 -075 -121 -105 -050	·058 ·069 ·033 ·035	066 070 027 	.061 .058 .019	-053 -051 -013 -074	084 084 091 1053	017 019 0973	029 019 	-037 -029 -986 1-019 -069	·033 ·015 ·058	050 -031 -076 -055 -092	-080 -063 -103	·056 ·086 ·125	-054 -054 -130	-112 -078 -076 -125	·083 •046 ·050 ·105 ·099 ·088	-051 -016 -021 -081 -071 -030	1-028 0-978 -994 1-009	1-003 0-960 -989 1-043 -025 -060 -008	1 003 0 256 -5 79 1 034	-0:

<sup>•</sup> The numbers in these Columns are not observed; but interprinted for the sake of obtaining the only Menns, and those numbers in the heads of them are the corrections of sake politions,

### DRY THERMOMETER (OLD STANDARD.)

Gottingen Mean Time,	Noon	. 1	9	3	4	5	6	7	S	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily at Monthl
Madras Meso Time,	P. M. h. m. 44t	h m, 6.41	6.41	h m. 7.41	h. m. 8,41	b, us, 9,41	h.m. 10,41	h m. 1141	h-m. 12.41	h_m, 13,41	h m. 16 61	b. ro. 15, st	h. m. 16,41	h.m. 17.41	h m, 18,41	h. m. 19.41	b, m 90.41	h. m. 21,4t	b. m. 22,41	b. m., 25-41	b, m. 0,41	h m. t st	h. m 2,41	b. m 3,41	Monthly Means,
		-	200	dispersion in		Fit on a					-		-						-					_	
1	0	76:2	0	20.0	0	0	.0	.0	0	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0
2	-	_	_	-	76-2	_	-	-	-	77.2		77:2	77-2	77:0	76.8		78-5		81.0				83.5		78
3	81-0	80-9 79-1	78.4	79-8		78 6 77-7	77-9 77-5		78-0	77.7	77.5	77 0 76 0	76 5 76 0	77·2 75·9	77.6 75.9	78.6	80-5 79-9		82.5				88·4 82.7		79 79
5	81 0	75·7 79·1		78·7	78-4					77 6 73 8											83.2	82.1	82·2 51·6	81.6	79
7		79·0 78·1	78.0	77.6	77.3	76.9	76.8	76.0	75.6	74·S	74.0	73.5	72.9	71.4	70.5	73.5	763	79.1	80.7	81.5	81.6	81.4	830	81.3	77
9	80.2	79:1	_	76.8	_	73 7	_	73.0	_	72.3	72:3		72-3	73:1		73-7	76-0	77.8	80-2	81-4		82.5			76
11	80-4	78 4	77.1	76.4	75.7	75.0	73·1 74·1	73.9	72.8	72-9		72.5	72 0	71.6	71.9	72·0 72·7	75.7	77·5 79·1		81.9	81.4	79.7	81 8 80 6	80-4	75 76
. 12	79·5	79.2	78.1	77.6	76·6	76·5	76 0 76 6	76·0	74.8	74:1	78 5 79 7	71.1	71.5	74.0	73 6	75.4	75·5 76·2	75'2	81.3	82.2 80.9	82.8 82.3	82·5	81.7		77
22 14 22 15	80-5	78 S	77.6	77.4	77.1	76.7	76.1	74'6	78-8	73 0	725	72.5	72.4	72.0	720	73.2	76.4	78.9	80-5	82.4	83.4	83.2	83.5	82.8	77
16	83.0	81.0	_	79-6	_	_	78.9	-	-		77 6			75-3	75.7	77-8	80.7	80.3		83-9			83 6		79
ANUARY 50 50 51 50 50	82.0	86'5	75.8	79.3	79.0	79.6	78.6		78.0	77.8	77.6	77 4	77-9	77.1	77.4	78 5	80.7	81.2	81.9	83·7 81·5	85-6	84.0	83·4 83·6	53.4	80 79
A 50	80.8	79 6	79.0	78.7		78.9	78.0	77-6	77.5	77.3	77.0	76.8	76·0	76-1	76·0 75·7	77.7	80.5	81.7	82.3	81·7 82·5	83.0	83·5 83·4	82·8 82·6	82·0 82·4	79 79
5 21 23	81.9	80·5	78·6	77-7	76-6	75·5 79·1	75 9 78 7			73-9	78.5	78.5	73:5	73.3	73 0	75.0	77-7	80.0	82.0	82.5	83.4	83.0	83.0	82 5	77
23 24	83:4	81:5	80.8	70.9	_	79.5	_	_	_	78.6		77·4 78·6	77·0 78·6		77·0 78·0	76 <sup>.9</sup> 78 <sup>.5</sup>		80°8 81°3	81.9	83-1		84°9 83·0	84-4	83.6	79 80
25 26	82-5	81.1	79.7	79-4	78.9	78-7	786	78.4	78.0	78.0	78.0	78.2	78.3	78.2	78.3	79.6	81.8	81.3	85.8	85-6	86.4	86 2	85.5	85-4	81
27	84.5	83.3	81.4	80.6	80.1	80.0	797	79-6	79.5	79.2	78·4 79 0	79.0	77·0 78·9	78.2	76.4 77.6	77.3	77.4	78.8	81.7	84·S 83·4	82.9	80.2	82-2		81 80
28 29		79·8 81·6		78.6 80.4	78-6 80-2	78·1 80·0		78·4 79·6	78-4	_	77.5	_	_	_	_	77.4	80.0	_	-	-	_	84.2	-	83-8	79
30 81	88.0	81.7	80-2	79.5	79-2	78·3	77.0	76.2	75-5	77·9 75·1	77·7 74·8	77·5 74·3	77 9 73 8	77·5 73·9	77·7 74·3	79-0 76-3	89·7 78·7	80-3 80-3	82·5 81·4	83·3 82·5	83·3 82·8	81·4 83·1	84-0 83-0	83·5	50 78
Means.	81.6	80-1	79-0	78·5	78-1	77:7	77-2	76:3	76-4	76-2	75.9	75.6	75-3	75.0	75.0	76-5	78-5	80 4	81-9	82-7	83-2	83.2	83-0	82.6	78
										•		•													
1 2	82-0	80.7	79-6	79.0	78.5 77.4	78.2	77.7	77:3	76.5	75-7	75.0	74-4	73.8	73-7	73-7	75.5	78-0	80-4	82-9	82.7	88.8	84.3	84.3	83.3	78 78
- 3	81.7	80 2 75·0	75.3	77.8	76.9	76.4	75.3	73.2	73.0	72.5	72.0	71.6	71.1	71.3	71.5	73.6	75.9	779	80.4	81.0	81.8	81.9	81·S	81.5	76
5		80.2		76·1 75·2	78.7	73·3 72·5	71.6	70.8	70.2	$\overline{}$	71.7	_	-	_	69-7	-	_	_	_	81.3	-	_	_	-	75
6	81-5	79.7	78-6			74.8	74.2	73.2	72.5	70-9 71-9		71-3	69·0	68 6 71-0		71:7	75.8	77·7 78·5	80.4	81.0	83-2	83.0	83 0	82.5	75 76
8	81-9	80-2 79-9	78 5 78 5	77·8		75.5	75-0	738	73-4	72.7 72.5	79-0	71.8	71.6	71-5	71.4	73.4				82·3					77 76
10		79·5 79·6			76.4	75.0	74.4	72.9	72.8	72.1	71.4	70.6	69.8	69·9 72·1	70-0	718	75.7	79-0	81-7	81.5	85.8	82.5		81.7	76
		79.6				76.9	75.3	74.3	73-2	_	_	_	_	-	_	-	_	_	_	-	_	_	_	- 1	77
F 14	81.7	80.0	78-1	77:1	75.7	71.2	73:1	72.0		70·7	698	70·3	68-5	69·1	68-0	71.0	74-7	77-6	79.4	81.4	51.3	82-2	83.3	82 0	76 75
RBRUARY 16 17 18 19 19	81.8	79-8 80-0	77.8	75.2		72.2	71.2	70.5	69-6	69.1	68 6 68 5	68.0	67:5	67'5	67-6	70.4	74.4	77.5	75.4	81-1 80-6	81.6	83 2	82.4	83.3	74
D 17	81-7	89.0 79.8	76·7	75.0	73 5 74 4	72.4	71.6	70-7	69.9	69.2	68.5	68.1	67-6 69-0	67.5	68-0	71.5	75.2	77·8 78·5	75.8	81.3	81.8	81.8	82·0 82·7	81.7	74
E 19	31.0	79.3	77:5	76-8	76.3	74.6	73.0	72-1	71.0		_	-	_	-	-	_	747	77:7	-	81.3	_	_	-	-	_
. 22		81.0		74.6	73 2	71.9	71 2	70.4	69.5	68·9	68·5	68.3	68-1	67.6	67.8	69-9	74.5	77-8	81.0	83-5	85.7	52.6	87.7	87.5	75 75
2.3	86.7	84.0		78.3	77.1	75.4	74.5	73.8	78.1	69·7 72·9	72.8	72 2	67.9	71.2	67·3	70·8 73·4	77 1	80.4	82.7	83·7 85·1	85.7	86.7	86.8	86.8	76 78
24 25	83.7	83·7 82·2	80.6	79-4	77-0	75.0	15.1	74.2	77.3	72 6 75.9	72.0	71·5 78·8	71.0	70-5	70.3	73 6 75-5	78.2	81-9	82-7	83.7	84.2	84·3 85·3	84.2	81.1	77 79
26 27	83-8	82.3	80.6	80.1		79.5		78.8	78-6	_	79-5	79-2	78:9	_	_	80.7	_	_	_	86.4	-	_	_	-	81
25	85 0	82.8	\$0.3	80-2	79-5	79-1	78.3	77-0	76.6	76.3	76 0	75.5	750	74.7	74-6	77.5	80.7	83.0	84.9	85.0	55-4	83.7	85-3	85.0	86
Means.	89.5	86.8	78-5	77.2	76.3	75:3	74.5	73.6	79.0	72.2	71.6	71.2	70.7	70.4	20-1	22:0	76-6	70.2	01.2	80-5	62.0	88.6	82-6	89.9	76

<sup>†</sup> Interpolated the observation having been missed an account of comparisons are not observed; but interpolated for the sake of obtaining the duly Means,

Corrieres	Noon		9	3	4	5	5	,		9	10	11	12	13	74	15	16	17	18	19	90	91	99	99	-
Gettleers Mess Time.	P. N.	_	h.n	_	_	_		_		_											-		-	32	Duly Mont Men
Mena Tune.	6-11 6-11	5,41	6.40	7.41	8,41	100	to at	n,ai	1141	13,42	1441	15-62	na	12.63	15 62	19.41	20-41	21.41	22.66	n.a	0.61	1,41	2-61 2-61	2.41	Mre
1 2 4 5 8 7 8	85'8 87-5 85'8 	84-0 81-5 85-3 84-8 88-4 88-7 83-8 83-8	81:0 81:7 83:7 83:1 80:7 90:6	79.7 79.9 81.2 81.5 80.9 73.4 77.9	78·1 79·4 79·8 80·7 79·8 77·2 72·3	77-2 77-4 76-3 80-1 78-5 75-7 74-7	78:8 79:1 79:7 77:8 75:3 72:4	75-5 75-8 79-0 79-1 78-9 74-5 79-2 74-5	747 75-3 76-4 78-9 76-5 73-0 71-2	76-5 77-2 78-2 75-2 70-7 74-1	73-8 74-5 78-0 77-4 74-0 71-5 70-8	743 756 	73 9 75 2 76 3 73 0 70 0 70 6 76 1	73-6 74-0 73-5 72-9 89-8 70-9 74-0	73-5 74-5 75-0 72-7 70-3 73-8	781 786 766 766 768	79-6 81-6 81-3 80-6 78-3 77-7 79-9	83-9 83-7 83-9 83-9 81-4 80-8 82-8	85-5 85-5 64-6 83-1 83-3 84-9	87 9 86 9 88 4 88 2 84 8 84 8 88 8	87:2 87:2 86:5 85:9 87:7	87-4 87-4 86-5 88-8 88-8	89-1 88-3 87-5 86-8 85-5 88-6	86-7 26-8 85-7 27-4	81 81 84 78 77 75
MARCII 1813.	90°0 83°7 88°1 88°7 87°7 87°2 88°0	843 880 874 883 858 858 858 858 858 858	85-9 84-8 83-6 63-1 83-9 83-4 83-6 83-6 83-6 83-6 83-6	80-7 83-3 83-3 83-4 81-6 82-8 81-9 81-8 82-8	790 613 820 814 799 323 814 804 814 829	77-7 801 509 79-5 79-0 81-5 79-5 79-5 79-5 81-0 81-0	78-2 78-3 78-9 78-9 78-9 78-9 78-3 78-1 79-7 81-8	778 780 770 770 779 778 773 766 81:2	77-2 77-7 72-3 76-1 72-3 77-0 78-7 77-8 80-5	78-0 75-9 75-5 72-3 78-3	76-9 75-8 75-8 75-8 77-4 75-7 76-0 78-2 79-1	748 783 778 752 748 770 732 753 760 784	74 5 75 4 76 5 75 0 74 2 78 6 74 2 75 0 74 2 75 0 76 2 76 2 76 2	78-9 76-7 75-8 76-9 74-5 76-0 74-4 74-3 71-5 77-1	75-1 75-6 75-6 75-6 75-6 75-9 75-0 74-7 75-6 77-2	76-7 78-5 75-1 78-7 79-1 78-7 78-9 78-9 81-0	79-7 81-8 81-8 81-5 81-4 82-2 83-7 83-6 84-8	82 9 65 2 84 7 83 6 85 0 81 6 85 2 85 2 87 0 87 2	86-8 87-9 88-0 87-3 85-3 87-7 67-2 88-2 87-5 98-0	90-5 10-4 67-2 88-0 89-5 87-6 57-7 29-7 89-7	93-5 10-5 88-3 89-1 90-3 83-6 83-6 83-6 83-6 83-6 83-6 83-6 83	91.6 90.5 88.7 90.0 89.5 88.8 88.8 91.1	59 8 90 5 88 8 10 2 89 4 89 8 89 8 91 9	91·7 90·0 29 0 90·0 88 8 58·8 88·9 60·7	84 83 81 81 81 81 81 81 82 83
24 25 25 27 28 29 20 81	99-0 88-5 85-4 20-5 85-8	86 1 66 8 84 4 90 8 85 6 85 7 84 9	85 5 84-3 83-8 80-3 52-9 83-6 83-6	84-5 83-7 85-8 30-7 82-8 83-3 83-9	84 0 83 4 83 5 80 5 81 1 82 9 81 5	818 630 830 804 829 827 812	83 1 83 8 83 8 80 7 81 9 82 5 81 2	80-5 80-6 93-0 80-7 81-6 82-4 80-2	59-2 79-8 62-5 21-0 61-5 82-4 50-3	828 794 802 810 815 821 801	79-6 79-1 89-5 81-0 81-2 79-9	78 5 79 0 60 8 81 9 81 1 81 5 75 6	77-5 78-8 21-0 81-4 80-7 21-5 79-2	77-6 78-2 61-3 21-5 80-8 81-0 7>-2	78-6 78-8 81-4 81-9 80-8 80-8	81 4 83 0 79 8 82 0 81 8 85 2	819 873 834 831 847 886	87:0 86:7 82:3 86:9 86:7 80:0 88:0	891 875 813 270 861 839 892	90-5 88-8 82-7 87-0 68-4 87-0 91-1	50-7 89-4 83-8 88-8 89-9 89-8 93-2	\$4.0 88.8 85.4 89.1 91.4	89 5 88 3 84 8 88 4 83 5 89 0 50 8	825 825 880 887 883 898	81 82 83 83 84 83
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\* The numbers in these culumns are not observed - but interprinted for the make of obtaining the duly Means

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Apri	30	93-2	91.7	85-3	87-3	88-8	88-0	85-5	85-1	84-5	_	-	-	-	_	-	-	-	-	-	-	_	_	_	-	-
	1			07.4	00.0	00.7					83.5	83.0	89-5	82-0	81.7	81-0	88.4	99-2	92-6	82.4	33.6	93-9 93-8	94.0	93.8	92.2	88-2
		91.3	30.3	87-4	80.6	82.1	22.1	22.0	847	94.2	82.3	92.2	93.3	82'4	82.0	43.0	85.2	0.04	35.2	23.2	82.1	83.8	82.1	93.5	93.3	22.1
	3	91-8	80-9	97-5	20.1	96-3	95-8	93.2	02.1	84-9	69-7	59-4	59-9	89-5	90-5	55-0	89-9	01-8	02-5	82.9	82.1	94-1	39.3	33.1	00.0	88-1
		99-0	99.5	87-6	86-0	80-0	85-5	85-1	84-8	84-4	51-2	84-1	53-8	89-5	83-3	85-5	84-8	89.9	2001	99-5	99-6	93.3	2-50	97:0	09.7	85.0
	6	91-7	90-5	80.9	86:1	85.6	85-0	84-8	84.9	84-2	840	85-8	83-4	83-0	82-6	85.5	38-5	91.6	93.5	93-8	94-1	91-1	94-3	93.5	92.3	88-9
	7	92-1	90-5	87-4	86.4	85-6	85-9	84-2	84-3	84.0	_	_	_	_	_	_	_	_	_	_	_	-	_	_	-	_
	8	-	_	-	_	_		_			83-6	53-9	82.5	52.4	82-1	82-0	38.2	90-6	91.9	93.7	94-7	94.8	93-7	94.0	93.7	88-0
		92.0	90-0	86-8	86-2	82.6	85-8	85-0	84-7	84-4	82-9	83-5	83.3	83-0	83-2	79-0	81.7	82-0	81.2	82-0	23-3	82.1	93.7	94.8	94.2	87-5
		93.6	91.9	87 6	86.6	86-1	82.0	2.3	82-3	85-3	84.5	84-5	84-3	84-0	83.7	86.4	89-3	92-0	83.2	95.7	95-5	36.2	95-7	32.0	94.7	89-1
		35.8	31.3	87.4	87.0	80.0	38.4	92.8	96.0	82.2	82-0	84.2	82.8	82.I	82.0	85.3	83.4	32.4	84.6	81.I	33.2	100-2	103-0	1003	97-6	30-1
	12	94.0	99.3	90.0	89.2	22.1	91.0	87.5	84.1	92.2	81.7	22.2	22.0	98.2	92.0	99.0	90'0	9370	82.2	31.6	1004	101-3	100-2	99.9	33.8	80.2
3		00.0	02.9	00.0	01.4	90.0	90.0	10.9	04.5	55.0	09.1	000	-		54.0		-10									
=		-	-	-						-	80-5	80-0	85-5	85-0	91-7	88-4	99-5	95-5	95-0	110.0	20245	1050	205.1	100.7	99-9	93-1
Η.	16	93-2	92-2	91-6	90-4	89-4	38-7	88.5	88-2	89.0	87-3	86-4	85-9	85-4	85:3	87-9	91.7	95-0	97.5	99.0	1027	100-0	99.3	97:7	97-1	924
9	17	95-8	93-1	90-4	89-7	85-6	58-2	87.5	50-8	56-8	50-3	85-8	854	85-9	51-6	85-6	90-3	93-6	96-2	98.7	101-3	105-3	101-5	100.3	99-5	91-1
	18	98-0	95-9	90-6	88-9	87-9	57-8	87-3	87-1	86-9	80.3	85.7	85-6	85.5	84:7	87:4	91.5	94-4	97-6	99.8	10342	104-5	101-5	99-0	97-4	92-
		93.7	92-2	99:3	88.8	88.1	87.5	87.0	58-5	86.2	861	85.3	82-3	81.7	84-9	87.3	91.6	95-0	98-3	1010	101-0	101.5	101-3	10)-5	100-5	92.
		97.7	94-1	90-4	88.7	88-5	88.0	87.7	87.3	87.3	86.7	88.2	55-9	65-5	85.2	86-0	88-8	91-0	94-5	88-9						
		97.8	93.2	91-1	90.4	20-0	88-9	83.2	88-0	87-9	-															
		I			=				=.		34-9	84-7	84-3	21.5	54.4	86.7	29.2	33.0	32-0	22.0	95-4	81.2	54.2	93-2	83.0	30-
		03.3	89.5	87.3	86-9	26.8	22.8	85.7	35.4	81.5	27.0	83.5	83.3	55.0	22.6	24.3	5910	31.8	84-1	97.0	20.3	95-8	31.8	94.3	38-3	88-
		97.5	94-9	89-7	84-1	87-4	86-7	86-0	87-0	98-6	80-5	86-5	50-4	88-5	85-4	\$5.5	09-5	94-5	95-1	30.0	98-5	30.0	89.0	100-0	100-2	90.
		107.0	98.9	90-9	90-7	89-7	59-2	55-1	57-7	87-7	87-5	87-9	56-9	86-5	80-9	88-0	90-3	93-9	98-0	96-8	301-1	101-7	310-0	303.4	101.2	98
	28	97-7	94.7	89.0	88-0	89-2	88-0	87.4	87-2	80-5	_	_	_	_	_	_				_	1077	101-1	102-0	105.1	100.0	-
	29	-	_	_				_	_	_	83-8							99-7	93-4	93:3	97-1	96:3	96-0	94-7	94-8	89-
	30																									
	31	92.5	99.7	88.0	87.0	36-8	86.2	85 9	85-5	55 2	84.9	84.6	84:3	84-9	83-1	87.5	30.4	93-4	95-4	97.3	90-4	97'2	98-0	96.9	93-6	89-
Men	ms.	24.4	92.3	59-1	87-9	87-4	80-9	88-5	86-3	82-1	83-0	84-0	84-2	83-8	82-6	85-8	89-4	92:1	94.5	96-5	97-9	98-0	97-8	97:3	96.9	90-
	_						_					_	•													_
	1	31.3	92.3	89-2	88.1	87.8	87-6	87-0	88-5	85.7	85-1	85-2	818	84-0	83-7	86	89-1	92-6	92-8	90-8	93-0	98-8	101 4	10.	101-1	90
		96-5	82.2	31-1	59-8	22.4	87.7	81.2	87-0	88-5	88.2	863	82.7	85-8	84-3	871	91-1	82-2	36.6	95.5	100-1	100-3	102.2	1004	102-1	92
		105-3	104-6	99-0	36.0	32.6	84.5	82.0	31.2	91.0	59-9	88-3	87.5	87-0	28-3	83.1	91.3	32.5	32.2	97-7	100-7	102-0	102 1	101-1		
										23.2	00.0	90.5	90-1	22.0	95.1	67.1	91-1	09-0	92.0	97.4	100-4	1017				
										90-1	60-6	\$0.0	50.4	97-6	974	60-	00-1	05-4	90-0	00-1	303-0	201 /	100.0	1019	90-1	0.4
	- 2	99.3	95.8	92-7	91-4	90-4	89-9	89-1	88-9	88-6	88-7	88-9	89-9	87-5	87-4	89-7	93-9	95-1	90-8	99-4	102-0	100.5	10%	101 6	99-5	93
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		99.5	97-9	99-0	89-0	86-7	87-0	86-0	80-2	85-6	85-1	84-7	84-4	84-0	83-3	87-0	90-2	94-0	95-5	97.7	98-7	99-7	101-0	101-5	99-6	91
		92.5	89.7	88.4	88.3	85 3	85.2	85-9	85-1	84-7	54.3	84-0	53-3	89-6	81-8	81-4	86-4	89.3	91-7	94.4	96.2	98-0	88-8	1014	101-1	89
		98.3	91.9	89-0	85-2	87-6	87.4	87.7	88-0	87-6	55-8	86-9	85.4	84.7	84-4	85-2	89-6	91-4	94-4	82.3	97.5	95-6	101-7	101-6	100-	191
		97.7	91-2	88-9	87-0	87.1	86.2	86-2	88-9	85-6	85-7	85-9	85-3	84-8	84-1	84-7	87.0	50-8	92-9	32-2	97.5	97-2	32.1	32.0	98-6	90
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2 11	87-7	88-3	87-8	87.4	87.0	88.8	88-2	85.5	83.9	83-8	83-3	82.6	81.9	80.7	81.0	84-7	87:5	91.0	93.8	93.4	95.8	98.8	95.8	98-4	87
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19	05:4	90.8	85.7	88.2	87.5	88-0	90.0	89.5	88-1	87-0	86.0	84-9	83:8	83.5	84.8	88.8	88-8	89.7	92-3	93.4	95.5	95.8	98.0	98-1	89
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8	92.3	22.8	87.7	88.5	85.0	83.7	83.5	82-8	82'8	81.3	80-6	80-6	80-8	88-1	82.1	85:1	88.3	91.7	98-8	953	95.7	97:0	96.5	95 3	87
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10	88-2	85-5	85-7	85:3	85-1	85.0	84-6	84-9	82-4	81.4	32-5	79.8	79.0	78-9	88-9	78-9	86·2 78·4	88 2	90.8	88.2	88-5	90-0	90-4	98 6	84
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98	187.5	88-5	85-4	85-8	84-3	84.0	83-2	82-8	80.8	81.8	81.3	81.1	81.8	80-1	80-7	81-1	82-9	84-5	87.8	80.3	92.0	92.8	92.5	92-0	85
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31	130.2	89-1	38.6	80.6	69.4	83-6	88.4	61.8	51.4	90.4	85 4	84.2	82.2	92.2	84.0	95.	224	91.2	32.8	\$4.2	15.4	10.2	21.5	\$7.1	30

The numbers in tasse columns are not observed; but interpolated for the sale of obtaining the dady Menn

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1883	11	99.5	89.3	85.6	85-6	85-9	850	-	83-7	83-6	85-1	81.0	81.3	80.6	80.4	89-5 82-0	86-0	81·7 87·0	86 5 89-1	91-1	92.5	985	94 8 95 5	94-5	91-8	8
BER	13	50-4	38'5	25-6	85-8	65-1	845	84-6	85-5	32 \$	82.1	81-8	81.7	81.6 81.6	81.8	52-4	87·1 81·9	878	899	91.7	52 5 93 8	577 95 8	93 0	91.5	90-7 92 2	8
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	95	90 0	85 7 87-2 87-3	85.2	85 \$	84.4	85-8	81.6	83·9 88·9	\$3.3	81-8	81.3	80.3	75 B	75-4 80-7	78.8 81.0	88 5	85·5 88·6	89 6	90·8		993 918	92 2 91 9	25.0	90.7	8
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Mean	ot.	90-6	88-5	86-5	85-7	85-1	84-7	81.3	83:8	83 \$	82-8	88-1	817	81:3	80-9	81-7	84-0	86-5	89:8	909	92.7	84.5	94-9	93-0	91.9	8
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OCTOBER 1823	16	86.4	85.0	810	\$3.8	83 5	83 2	52.6	418	818	79-5	797	75-7	798	78-9	80.0	83 8	85-8	87.8	88.3	88.5	83 4	28-0	87:4	86-7	8
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Means.	80.4	79.3	78-7	78.4	78-1	77-8	77:3	76.9	76.5	76 <sup>.</sup> 0	75.6	75-8	74-9	74-6	75-1	76-9	78·9	80-5	81.4	81.7	82.0	83.0	81.8	81.3	78
12 33 4 5 6 7 7 8 9 9 10 11 11 11 11 12 12 12 13 13 14 14 15 16 17 18 18 19 19 19 19 19 19 19 19 19 19 19 19 19	80-6 79-9 80-5 80-0 80-0 80-0 80-3 80-3 80-3 79-9 79-6 79-7 79-5 78-5 78-3 78-3 79-5 79-6 79-7 79-5 79-7 79-7	79.04 78.56 78.57 78.2 78.2 78.2 77.7 77.8 77.7 77.8 77.8	78.70 78.00 76.09 77.60 78.42 77.60 76.60 76.60 76.60 76.60 76.50 76	78:51 77:2 76:4 76:6 77:7 77:7 77:7 77:7 77:7 76:5 76:5	78:3 77:6 77:1 76:7 76:7 76:7 76:9 76:9 76:9 75:0 75:0 75:0 75:0 75:0 75:0 75:0 75:0	77.3 76.7 76.5 76.6 76.6 76.6 75.0 75.0 75.3 76.1 75.3 75.0 72.4 76.5 76.6 76.6 75.0 76.0	77.89 76.30 76.30 77.66.3 77.66.3 77.66.3 77.66.3 77.66.3 77.67 77.7 77.	77:37 74:72 74:72 74:72 75:42 75:42 75:43 75:43 75:43 75:43 75:43 76:45 77:55 76:47 76:42 76:42 76:42 76:42 76:43 76:43 76:43 76:43 77:43	77:37 73:77 73:08 73:77 75:77 75:77 75:07 70:38 77:77 75:00 77:30 77:47 77:47 77:47 77:47 77:47 77:47 77:47 77:47 77:47 77:47 77:47	76-6 77-07 72-1 72-1 72-1 72-1 73-2 74-2 75-6 70-2 73-1 73-6 73-0 73-0 73-0 73-0 73-0 73-0 73-0 73-0	76 0 2 71:37 72:77 73:37 75:6 71:50 90:00 72:55 72:3 76:00 72:55 72:4 67:53 76:00 71:76:76:76:76:76:76:76:76:76:76:76:76:76:	74-1 70-9 71-9 71-9 71-9 72-7 74-3 70-5 66-9 271-7 70-1 69-6 68-8 67-1 71-5 68-8 67-1 71-5 71-7 71-7 71-7 71-7 71-7 71-7 7	72-9 77-5 70-5 70-5 70-5 70-5 70-5 69-4 69-4 69-6 68-8 66-8 66-8 66-8 70-5 71-8 69-6 69-6 69-6 69-6 71-8 71-8 71-8 71-8 71-8 71-8 71-8 71-8	71.4 70.4 70.7 70.7 70.7 72.2 68.6 6.3 6.3 6.3 6.3 6.3 6.3 6.3 6.3 6.3 6	71-4 710-5 70-0 70-0 70-0 70-0 72-3 63-4 68-4 69-6 68-4 68-4 68-4 68-4 68-4 68-4 68-4 68	72 9 73 8 73 0 72 6 73 7 74 4 72 0 70 2 71 3 71 7 70 6 71 5 72 9 70 3 65 3 68 6	75-7 77-2 77-2 75-8 76-9 77-7 75-5 76-0 77-5 75-5 74-3 75-1 75-0 74-0 75-2 74-6 79-2 79-4 75-4 75-4 75-4 75-4 75-4 75-4 75-4 75	78 6 79 9 78 5 79 9 75 4 80 5 78 5 77 6 77 6 77 7 8 7 77 6 77 7 8 7 77 8 8 0 5 8 0 6 8 0 5 77 8 7 77 8 7	80-9 80-6 80-6 80-6 80-7 80-6 81-4 80-1 80-2 79-4 80-1 80-2 79-3 80-5 79-3 80-5 79-3 80-5 79-3 80-6 80-6 80-6 80-6 80-6 80-6 80-6 80-6	82-0 81-3 81-9 81-4 81-7 81-4 80-8 80-8 80-5 80-5 80-5 80-5 80-5 81-3 80-5 80-5 80-5 80-5 80-5 80-5 80-5 80-5	82-6 81-6 81-6 81-6 82-7 81-7 81-7 81-5 80-5 80-5 80-6 81-1 81-1 81-1 81-1 81-1 81-1 81-1 81	82:1 82:5 82:0 82:2 81:7 81:7 81:3 81:3 81:3 81:3 81:3 81:3 81:3 81:3	81·6 - 7 - 81·6 - 81·6 - 81·6 - 81·6 - 81·6 - 81·6 - 81·6 - 81·6 - 81·6 - 80·7 - 80·7 - 80·7 - 81·8 - 81·8	81-3 81-2 81-3 81-3 81-3 81-4 81-3 81-4 81-3 80-9 79-5 79-5 79-5 79-5 79-5 79-5 79-5 79	777 777 76 76 76 77 77 77 77 77 77 75 75 75 75 75 75 75

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\*\*The numbers in these columns are not closered, but interpolated for the sale of obsaming the daily Menne.

Gutter Lean 1	ages Cons.	Noon	. 1	3	3	4	5	6	7	8	9	10	11	13	13	16	13	16	17	18	12	20	81	13	13	_
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SEPTEMBER	17	79-6	79-2	79-4	60-1	80-0	80-0	79-1	79-0	78-2	70.0	70-0	27.0	775	22.6	70.0	70.0	70.0	20.0	70.0	70.4	61.0	60.5	-	80.0	7
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	30	78-4	79-5	79-7	79-1	79-1	79-4	79-9	60-2	79-3	78-3	77-4	76-8	76-2	763	77-3	78-4	78-3	78-2	78-1	77-7	78-2	78-2	76-4	79-5	7
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	4	79-6	79-2	80-2	78-4	78-0	78.3	78.3	78-4	77-4	76-7	76-1	78-4	74.7	74.2	74-4	74.3	74-2	75-9	75.6	75.0	76-9	77.1	77.0	76.7	7
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		13 14 15	656	658	664	715	716 615	-880	693	676	675	-661 -671	660 667 593	646	671 626 596	624	625	·709	745	-722 -695 -685	.657	648 687 634	697	698	676 619 682	-676 -582 -676	
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		25 26	-788	789	·775	·778	776 740	.771	758 780	.764	·760	748	726	730	735	735	734	772	731	729	752	716	725	748	707	736	
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9. The translater on Plans existence are not charged , but intersoluted for the sale of obtaining the duty Man

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ERSION OF THE ATMOSPIBLIC VAPOUR.  APRIL. 1834.	-937 -960 1 000 -783 -907 -837 -811 -846 -927 -918 -981 -885 -900 -875	975 -994 -819 -848 -837 -888 -888	- 588 - 987 - 579 - 579 - 788 - 872 - 547 - 799 - 889	986 971 986 971 983 880 880 900 968 918 818 868 974 986 818	-945 -945 -350 -948	950 951 953 805 842 805 954 954 954 954 884 877 884	955 957 918 918 852 818 915 915 856 858 877 909 874	In. 0016 949 985 985 813 813 813 813 813 813 813 813 813 813	In. 0807 950 958 820 904 887 858 850 853 851 197	939 954 961 189 817 854 798 888 939 923 868 838 858 750	In. 0 103 - 128 -	911 944 926 888 8840 879 803 875 920 810 828 843 843 848 848 848 848	-815 -882 -891 -863 -828 -874 -878 -918 -789 -834 -834 -834 -834 -834 -834 -834 -834	901 908 922 873 882 891 804 866 933 950 950 851 857 857 857 857 857	991 919 919 963 863 963 963 963 963 979 979 979 979 979 979	9000 944 900 975 975 975 975 975 975 975 975 975 975	914 914 914 914 914 914 914 914 914 914	907 958 963 964 965 965 965 965 965 965 965 965 965 965	955 956 956 956 956 956 956 956 956 956	3 004 1 004 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	9 094 4 999 1 177 1 193 1 193	3 1500 1 0900 1 0900 1 0900 1 0900 1 0900 1 1000 1 1000	995 995 905 905 905 905 905 905	599 591 100 899 872 475 895 540 986 883 883 891 891 893 893 893 893 893 893 893 893 893 893	91 - 100 - 1

N. R. ... From this local the columns are not conserved; but interpolated for the water of advanting the daily Related.

N. R. ... From this issue the Branchity and Transmiss are calculated with distriction of Day and Wet Theor. In the laws (Baseratory Stanfor).

					ш	UMIE	ITY	OF T	не	AIR .	AND	TEN	SION	of 1	3E7	MTA	OSPE	ERIC	VA.	POU	R.					
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Madres Mean Time	ė.	P. M. h m. 4.41	h.m. 5,41	h.m. 6,41	h.m. 7.41	h, m 8,41	h. m. 9-41	h, m 10,41	h, m, 11,41	h-m 18,41	h- m. 13,41	h m. 14,41	h m 15 41	h m. 16,41	h m 17,41	h. m. 18,41	h m. 19,41	h m. 20 41	h m. 21,41	h. m. 22,41	h. m. 23,41	b. m. 0 41	ъ. п. 1.41	h m. 2,41	h. m. 3.41	Monthly Means.
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	8 9	73	-77	·81	-83	-84	-86	-89	-90	-89	·91	·\$2	-99	95			-79	·71	·79		·85	·66	·70	·70	·7 4 ·68	·808
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OF THE f 1853.	18 14 15	·54 ·51	-54	.76	·78	•78	·80 ·71	·84 ·73	·85	·83	-85	*85 •70	-80	·74	-76	.70	'70	-63	·47	-43	.37	*35	·84 ·46	·49	-16	618
MAY	16 17 18	-66 -61	·70 ·66 ·87	·71 ·75 ·77	·76 ·81	*89	.83	·79 ·86 ·87	·80 ·88 ·78	·77	·77 ·83 ·73	·77 ·81 ·79	*81 *81	*68	88	8 -65	-66	*55 *55	-49 -50	*46	·38	*56 *38	-56 -47 -50	-56 -54 -57	·60 ·57 ·61	·657 ·689 ·680
HUMIDITY MA	10 20 21	-62 -63	·69	·73 ·77 ·78	·82 ·83 ·77			-83 -83	·84 ·89	·81 ·77 ·81	·81	·80	.79 -76	·77	.7:	73	*65	*54	·46	.40	.33	45	·45 ·36	·49 ·33	·53	*669
	22 23 24	·73	-31 -76	.87	.88	-88	-89	-50 -67	-37	-84	·86 ·84 ·71	·90 ·84 ·72	·91 ·84 ·75	-91 -84 -79	-88	-80	·77	·73 ·60 ·63	·66 ·58	.20	-59	·71 ·61 ·61	·65	·62 ·67 ·68	·72 ·67 ·68	·772
	25 28 27	·72 ·56	·79 ·84 ·43	·83	·81	*80 *83	·78	·75	·75	·74	·75	·76	·73	·69	·78	67	-63	·60	·55 ·53 ·51	·53	-49	·50 ·44	·48	43	.43	-683 -663
	28 29 29	56	68	• 77	·80	_	-77	·78	·79	·81	·77	·76	·72	-68	-78	.73	-69	81	.58	-54	-58	-57	·40	-63	-61	·609
	81	-63	•70	·78 ·77	·81	-83	·84 ·78	·81 ·70	·84 ·76	-77	·80 ·77	·79	·80 •79	·81	-81	71	-69		·57	•50	-56	-57	·78	·66	·61	·723 ·687
Means.		-660	·704	·776	·801	-807 ln.	·815	·827	·828	·820	*829	*832 In.	·838	-829 In.	-826 Lu.	·776	·711	-635 In.	-581 In	550 lu	'533 In.	·518	·\$66	-581 In.	·615	0-720
April.	30	0-932	0 910	0-930		0-915		0-933	0-934	0.938	-	_	<u>.</u>	_	_	_	_	_	_	_	_	_	_		_	_
	3 8		-183	·997			1-006		.994	979	979	0-948 -979 -983	968 973	0-940 1-57 1964	964	0-960 1-016 0-993	-019 -019	0-971 -961 -955	963 948	966	962 923	1-009 -009 0-221	-911 0-250	1-017 -022 0-249	1-003 -023	0-159 -950 -978
ei ei	4	1 003 0-986 1-019	0-910 1 023	-977	.989 1-013	0-984 45 81 1-901	0991 994 1-008	0-993 -95-6 1-003	0-989	982	-574 -578	·967	-963	·957	·955	*571 *962	958	·959	.935	916	·953	-551 -168	1.87 1980	987	1-011	·\$76
THE ATMOSPHERIC VAPOUR MAY 1853.	6	0-981	0-997	957	967		968	0-977	0.978 •\$75		978	.932	971	186	953	1-007	995	975	-1-67	-941	921	-545	951	-966	-575	-971
C A	8	1-007	1-010	1-006	967	-969	969	963	-961	973	969	·961	·961	·962	956	0972 -795	979	·950 ·808	·972	·568	1-015	·\$91 ·978	916	1-005	0-966	·\$75 ·957
ERI	10	-575	991 883	1.004		·97 \$	*571 *586 *756	·990	960	·984 ·949	·\$91	·958	·990 ·885 ·809	·983	.868	·916	·581	913	·943 .888 ·785	-913	0-900 -844 -787	·908	·878	·911 ·904	·938	963
SPII	12		.907	0.794 •999	999		·982	1003	-998	·892 ·976	·855	-961	.803	·800 ·827	·788	·795 ·803	·832 ·855	870 839	-705	·7:6	-684	·741	·852 ·678	·884 ·745	·858 ·793	-823 -655
E ATMOS MAY 1853	15	*650 *999	·851	·960	_	-930	979	577	·935	·940	.863 -923	·757	·803 ·837	·809 ·769	·798	·832 ·754	-849 -614	·778	·778	·806	·748	·789	.848	·912	913	·855 ·890
NE A	16 17 18	935	·\$32	980	-563 1-015 -010	1-014	1-019	1-028	1-036	993	·970 ·921	942	·527 ·915	913	923	913	·541 ·878	·759	·800 ·822	·774 ·773	·763	·738	·861 ·886	·926	958	915
	19	.568	941	0-975 -937	·017	.019	·008	0.997	195 195	·951	·984 ·906	917	·886	-856 -898	·845	864	·839	·895	·768	·728 ·834	·672	·787	·809	·869	914	853
0	21 22	-958	969	994	0-997	0-990	-014	1-021	-575	.983	988	-994	·£93	-992	1-003	1-016	-999	1-006	998	1-013	1:037	1-017	1-003	-882	970	594
sto	23 24	1-004	1 043	1-037	1-053	0.798	·023	·034 0-788	·991 ·789	·931 ·793	·915	·900	·894	·853	0.505 -823	0-674 -843	·857	0.914 858	·786	0-604 *848	0401 *846	0-927 -938	0-916 1982	·£61	943	·533 ·866
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	27 23	·779	·706 ·955	·918	.920 -976	. £85	.654	·950 ·946	·945	·948 ·951	930	.912	856	-801	828	749	779	834	_	827	_	-798		.781	-856	-845
	29 30 31	-900 -927	·921 ·906	-936 -938		·\$83	·993 ·914	-886 -812	·983	·889 ·879	·872 ·865	·947 ·836 ·852	·904 ·839 ·855	.323	802 820 843	·808 ·846 ·833	·854 ·868 ·833		857	·825 ·825	·832 ·851 ·862	*879 *839 *500	·913 ·556 ·888	-886 -917 -878	·893 ·910 ·841	·854 ·857 ·871

. The numbers in these columns are not observed; but interpolated for the sake of obtaining the daily Means-

Gottingen Mean Timer.	Noon	. 1	8	3	4	5	6	7	8	9	10	11	13	13	14	15	16	17	18	19	90	91	82	23	
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	In.	Iu.	Iu.	In-	In.	In.	In.	In.	lo.	In.	Is.	In.	Io.	Iu.	Ia.	In.	In-	In.	in.	Iu.	la.	is.	10.	in.	In,
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9 The numbers on these minutes are not charried; but interpolated for the sole of obtaining the duly Monne,

HUMIDITY OF THE AIR AND TENSION OF THE ATMOSPHERIC VAPOUR.

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		8	728	·705	824	-899 -677	-835 -674	705	686	685	654 682	706	-718	735	742	746	761	713	700	753	746	725	713	749	700	630	-7
		10	752	603	-703 -628	-692 -051	737	770 685	768	-774	713		773	764 708 724	758 713 710	732 717 726	728 735 768	717 746 789	788 714 748	789 714 768	735 738 742	703 724 751	-750 -858 740	·707 ·704 ·711	·707 ·671 ·717	-713 -668 -793	·7
ERIC					759	-774	761	774	750	753		773	729	763	-748	737	753	772 758	730 774		725	610	·897 ·793	718	-68 F	-609 -781	77
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6 The samilers to those columns are not observed . But intermediated for the sake of obtaining the dady Man

Gottingen lean Time-	Noon.	1 2		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Cally and Monthly
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1	0.47	)·45 (	-61		0-60		0.57												0·53 ·48	0.45	0.44	0·40 ·38	0·38 ·88	0.39	0.55
3	·41	-43 -54	63	·71	·75	·50 ·76	·50 ·74	.53	·57	·60	-62	·63	·64	·65	-68	-63	·56	-53	-50	45	-45	43	35	-62	63
4 5 6	64	·86	·68	·74 ·78	·76	79 ·79	79	-81 -84	·75	-76 -85	·77	·82	·87	86	·84	.82	·75	·73 ·95 ·70	·60	53 91 -61	83 63	·47 ·79 ·67	·55 ·77 ·68	74	·71 ·82 ·81
. 7 8	·71 ·73 ·77	·82 ·79 ·83	'85 '83	-88 -88	-88 -81 -91	·90 ·88	·91 ·87 ·94	.52 .88 .95	-87 -90	·98 ·88	·93 ·89	·91 ·87 ·93	-89 -81 -52	.87 .85	87 -81 -93	·86 ·80 85	·76	-78 -69	·77	74	•73 •55	-63	·66	·84 ·67	·81
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15	-73 -75	-78 -78	'81 '80	·79	-77 -66	·75	*77 *85	-89 -87	-86 -93 -86	-86	·86	*86 *87	·86	-57	-88	71	·66 ·73	·67	·55	-51	-64	-64	-67	-64	-71
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23 24	-68 -73	-76 -77	·81	·81 ·79	-80 -69	·83	73	·84	·84 ·73	-85	85	81	·83	81	83	79	72	-66	-62	-65	·65	-	_	-60	6
25 26 27	·69	·70	·77	.78 .74	-79 -83	77	·78	-79 80	-80	.77 -83	.78	·85	·50	·75	73	67	-68 -61	-63	·57	.55	-50 -43 -52	-51		-77	-7 -6 -7
28 29 30	·72 ·63 ·60	83 66 67	·89 ·71 ·70	·80 ·74 ·72	-77 -75 -73	*73 *76 *76	· 54 · 78 · 79	78 80	·83 ·76 ·80	·85	-82	85 83 -84	-81 -88	-89 -80 -87	90 -76 -89	71	-71 -61 -70	.60 -52 -60	·53 ·50 ·51		42	·39	.83	-56	-6
Means.	-664	718	.754	-777	783	-755	*80	-815	*818	833	-81	1 -83	7 -82	9 -82	4 ·81	5 .76	701	654	-606	-575	.26]	.567	*595	-63	0.7
9	In.	In.	In.	In.	In.	Io.	In.	In.	In.	In	In.	In.	Iu.	In.	In.	ſp.	Iu.	Iu.	In.	In.	Ĭn.	In.	In.	In.	3
1 9	0.735		0-859 -657	646	0.786		0.759 •666	0-784 -876		689								0.713 •810	653	e-650					0.7
3 4	-644	754	.859	-899	-931	.921	891	-867	-861	896					·732	745	·729	·738 ·876	·724	-796	*777	•77	-829	873	-
5 6 7 8 4 5 6 7 8 4 5 6 7 8 4 5 6 7 8 4 5 6 7 8 4 5 6 7 8 5 6	-898 -885	·520 ·931	.821 .920	·870 ·905 ·925	*817 *808	·101	-926	947	909	-90	910	9896	876	·853	-858	-890	.907	*896 *887 *880	·857 ·913 ·915		*592	927	.945	-511	
	-943 -910 -888	·961 ·917	970 915	-959 -857		.971	.996	.987	-918	-52		927	.055	.:31	-958	-934	.910	866	-821	-861	788	-	-	_	
15 ER	-808	846	-898	-908	-561	-914	-889	-85	-821	·94:	180	5 -799	•79	-773	.757	7 .739	.722	·760 ·719 ·791	.715	-746	·706	·83 ·87	817	·842	1 .8
ATMOSPHERIC MBER 1853.	-837 -864 -945	·849 ·853 •140	-885 -989	-889 -858 -911	.90	*899	-50	.87	7 887	·88	5 ·88:	3 ·88 2 .81	-88	·87	839	826	856	*869 *782 *846	.794	789	*832	807	7 .803	91:	
63 94 10	814		·889									-	_	-	88:	2 .86	-830	-840	-841	-82	906	-88	3 -85	88.	
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30 NO		.826	.925	.75	1 -03	5 *53	5 .52	3 ·91 3 ·50	1 -92	-91	3 .80	6 -85	80	8 .78	6 .78	4 -77	.775	•766	.816	-809					
VENSION SE	-889	*11	-91:	-88	7 -69	8 '67	5 -69	5 -68	7 '68	.78		0 -76			5 ·800	9 .84	8 -81	-830	.803	.82	7 .79	1. ∙76	5 .72	3 .73	5
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orași																	7.5					-		-	***************************************	OND-CX	
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		5	-80	-71 -55	-84 -83	-84	-84	-84	184	-85 -60	·84	83	-80	·78	-78	-76	-78 -64	-71	-65	-83	- 55	-52	-47	·48	-17	-47	-6
		6	-88	-67 -71	71 74	·72	·75	*77	·81	84	-88	·87	-71 -87 -87	88	-55	-93	-89	1 .75	-61	-54	-81	-56	. 158	-59	-61 -70	-83 -73	-
		8 9 10	72	-	_	-77	-79		-34	-83	-80	-83	-86	-87	87	-89	-86	-71	-79	-70	-85	-64	87	-63	-71	72	.,
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		1 2	0-101	0 944	0-952	0-966	9-778	0711	0718	0.710	0.724	0771	0-807	-			-	0750	0.513	0.624	0-870	2617	0-877	0-610	0-640		0-7
		8	848	704	·789	·770	771		738	-687 -850	-693 -847	701	·711	710	709	708	792	708	728	737	700	706	-671	-087	449	784	17
4		5	·700	700	-655	-681 -819	655	-658	-553	-677	.748	7.88	·738	-719	-893	708	-578	695	-670 -786	-677	670	891	-624	738	709	834	-8
Š		8	883	857	854	845	855	861	*864 *906	·863	*817 *836	819	.851	*848	-842		834		878		781	8 19	539	858	913	927	-81
		10		-873	884	858	-900		891	908	870	·843 ·873	·851 ·876	278	853		·838 ·868	-871	-871 -849			830	-871	818	347	883 847	-86
		11	*839	830	·578	579 528	·859	847	·819	-883 -817	-806	-839 -801	·811 ·797	790	-801		881	833	847	851	246	745	740	703	728	764	-81
THE ATMOSPHERIC VAPOUR	1	13 14	837	·758	769	775	-780 -741	789		797	7 50	789	778	774	-771	768	771	-801	798	·772	705	851	-517			746	-74
MILE ALMOSE	•	15	1 —	770	.111	780	789	790	759	786	.794	829	2554	839	-900	_	818	-894	-856	848	810	331				814	-81
2 2	3	17 18	-636	818	*845 *851	*845 *878	845		*838 *818	1848 1898	-878	819	*283	*875	-857	-85 t -878	858	1886	-878	815	815	819	840	771	824	819	-85
: 8		20	853	1869	-854	-852 -889	869 888	909	-898 -931	*885 *906	·875	-861 -910	·847	.213	-939 -916	·830 ·927	750	791	839	903	847	798	853	838	831	888 558	-85
5		91 93	838	·844 ·841	860	*868 *888	·879	'875 '870	*878 *878	·883	*757 *847	784	·781	783	788	806	833	1864	-872	-	859	883	868	-	_	891	-81
2		23		-894	-884	-870	878	-859	-899	-891	872	·835	·799	.808	807	816		*558	865	\$01	904	938	890 .	857	854	908 871	-85
ENSION		25	-899	·857	914	-898 -871	889	*899 *883	-873	-874 -858	839	850	871	829	834	839	860	*805	811	-800	787	757	807 -	789	729 .	910 776	188
-		97 86		·746	713	724 757	718 809	-750	771	.767	756	751	·747	758	.789	745	725	700	814	704	733				753 .	804 872	71
		39	-853	-809	.130	788	793	-518	.820	-818	.828	_	-	-	767	781	788	755	784	806	880	823	814	631	845 -	8 6 8	-80
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\* The numbers in three relation are not observed: but interpolated for the sake of obtaining the doily Money

821 182 450 .825 829 830 850 839 828 820 817 818 816 819 820 808 808 798 798 801 802 801 817 0818

37

Gottingen Mean Time,	Noon.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily a Month
Madras Mean Time.	P. M. h. m. 4-41	b. m. 6.41	h. m. 6.41	h, m, 7,41	h. m. 8,41	h.m. 9,41	h - m - 10,41	h. m. 12.41	h-m- 12.41	h. m. 13,41	h m . 19,41	h, m. 16,41	h. m. 16,41	h m- 1741	h m. 18,41	h m. 19 41	h, m 20.41	h. m. 21,41	h. m. 22,41	h.m. 23,41	b. m. 0,41	h m 1,41	h. m 2,41	h m 3,41	Mesa
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Daniel H. Licopyle

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A The Observations of 18th and 18th are rejected from the honely and daily files

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\* The Observations of COS one rejected from the hearly and dely Means.

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\*The Observations of 19th and 19th are rejected from the house and daily ble

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1 2 8 4 5 5 6 7 8 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9		Removable No. 100. 100. 100. 100. 100. 100. 100. 10	ort, B  organd, d-br, vita,  de.  de.  organd, even d-br,  de.  de.  de.  de.  de.  de.  de.  de	on the lig. W. N.E	ert, b. N. die th. W of the beauty of t	ert, R, th. W, de, Belle, de, de, de, de, de, de, de, de, de, d
1 2 4 5 5 7 8 9 9 1 2 5 4 5 5 7 8 9 9 1	6-cs,	f cr, 27-ciner, 30 cs, cr-ba, 41 cs, cr-ba, 42 cs, cr-ba, 43 cs, cr-ba, 44 cs, cr-ba,	co, ro-st, kz, 3 sc-co, ks, 3	es, ts,	ex, cr-st, nim, 2 ny-clear, D, 0 ds D, 0 clear, D, 0 ex ny-clear, 0 ex, cr-ba, D, 0 ex, cr-ba, D, 0 ex ny-clear, 0	ctear, D
TABLES OF THE ABOVE	do	# George	6-E,	flet, eret, br	ce-best, 5 de, tum, 5 ce-best, 5 ce-best, 5 ce-best, 5 ce-best, 5 ce-best, 5 ce, cred, cr-bz, tim, 5 ce, cred, cr-bz, 5 ce, cr-bz	on D, co, er-lag elem, rr, es, er-el, er-ha; rg, es-el, er-ha; nine en, er

		REMAR	KS ON THE WEATH	ER FOR THE	MONTH OF NOVEM				
	a like	4114	48	48	409	484			uneters.
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123456759012345675901234567590	cs, er-bat, D,	on, no st. Crest 3 on, crest, archard 3 on, crest, archard 3 on, crest, archard 3 on, crest, archard 4 on, crest, archard.	co-bar,	so-en, or lay, or 12 so, one o	sector, ercha,	600	124-5 124-6 124-6 127-7 132-3 139-0 128-7 139-3 144-0 133-3 129-0 133-3 140-3 135-3 140-3 135-3 140-3 135-3	63 9 65 8 64 9 65 8 64 1 66 1 9 65 9 65 8 64 1 66 1 9 65 9 65 8 64 1 66 1 9 66	
EXPLANATION OF STREET,	TABLE.	Dans Der dans dens diadetest fitdetest fitdetest	The second secon	et aberion  it aberion  it abest of hay  dbidding  it abidding  dbidding  dbidding	C Both  The sauly  The sauly	A	1 1		No. or with

#### MADRAS, 1854.

METEOROLOGICAL OBSERVATIONS.

# BAROMETRIC PRESSURE. (Corrected.)

Barometer at 32° == 29 English Inches ; the number in the Table.

Gottingen Mean Time,	Noon P. M.	. 1	5	3	-	5		7	3	9	10	11	13	13	14	15	16	17	13	19	20	21	22	23	Onily a Month
Madras Mean Time.	1 1s.	h. m. 6.41	h.m. 6-41	7.41 In.	b. m. 8. 41	h.m. 9. 41	h.m. 10. 61	h. m. 11. 41	h.m. 12-41	h.m. 13- st	b m. 14 11	h m. 15. 41	h. m 16 41	h. m. 17.41	h. m. 18 41	h. m. 10. 41	h· m. ≥0.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	b. m. 0.41	h, m. 1.41	2,41	3-41	Mean
7 Pecember 31 1 3 3 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	.580 -576 -983 1-023 -013 0 997	-955 1-034 -028 -005 -020 -040 -099 -955 -947	1-036	·061 ·031 ·071 ·079 ·079 ·055 ·085 ·033 ·099 ·957 ·957 ·953	-014 -008 -027 -047 -082 -043 -080 -083 -072 -043 -083 -072 -043 -080 -083 -095 -043 -080 -082 -095 -043 -080 -095 -043 -080 -095 -095 -095 -095 -095 -095 -095 -09	013 008 035 054 045 076 101 101 104 045 015 010 011 041 041 011 041 041 041	-008 -023 -076 -045 -066 -079 -054 -079 -057 -097 -007 -007 -030 -007 -030 -007 -030 -007 -030 -007 -030 -007 -030 -007 -030 -007 -007	0993 979 1015 032 067 035 067 076 085 059 091 023 0091 1002 0991 1002 0991 1002 0991 0991	573 1 005 007 050 050 011 -049 -058 -064 -072 -079 -079 -579 -579 -098 -099 -0994 -0996 -0966 -0966 -0966 -0966 -0966 -0966 -0966 -0966 -0966 -0966 -0	1:006 :008 :029 :043 :043 :043 :046 :036 :036 :036 :036 :036 :036 :036 :03	9600 9500 1-00000 1-0000 1-0000 1-0000 1-0000 1-0000 1-0000 1-0000 1-0000 1-000	*961 *955 *094 *098 *097 *015 *025 *047 *015 *047 *015 *098 *164 *951 *251 *973 *973 *973 *986 *986 *998	·\$71 ·\$70 ·\$106 ·\$013 ·\$000 ·\$045 ·\$039 ·\$050 ·\$050 ·\$050 ·\$15	0 9999 935 1-031 -036 -058 -041 -048 -058 -041 -048 -058 -041 -048 -058 -041 -048 -058 -041 -048 -058 -041 -058 -041 -058 -041 -058 -041 -058 -041 -058	-022 -009 -065 -065 -075 -075 -079 -079 -079 -079 -079 -079 -079 -079	040 033 089 073 073 018 103 119 081 085 036	100 129 109 1059 1047 1055 1057 1089 1077 1059 1064	1n	*094 *085 *115 *091 *046 *046 *054 *028 *090 *082 *065 *049	0-998 -958 1-017 -051 -051 -078 -066 -090 -0664 -013 -019 -069 -0664 -081 -0566 -081 -0564	.577 .563 .1005 .014 .005 .079 .074 .039 .064 .039 .063 .097 .590 .0981 .031 .031 .031 .031	-953 -977 -958 -179 -975 -046 -014 -007 -002 -0919 -953 -981	937 934 967 975 975 975 975 975 967 1020 0033 934 936 947 936 939 974 939 974 939 974 939 975 975 975 975 975 975 975 975 975 97	942 910 965 167 968 -969 1015 005 005 005 1025 1025 1025 1025 10	In. 1-0-1-0-0-0-0-0-0-0-0-0-0-0-0-0-0-0-0-0
Means.	-931	·143	.949	.981		1-046	-987	.578	-971	1-000		.952	.167	-972		1-001	.053	.026	.030	0-987		·\$31	599 -564	·959	1.01
1 2 3 4 6 6 6 7 7 8 9 9 11 2 11 3 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	809 842 907 895 128 886 880 863 863 877 965 1 056 977 938 868 859	*828 *866 *923 *543 *941 *855 *875 *816 *802 *580 *580 *580 *580 *580 *580 *580 *580	847 888 941 916 952 951 910 892 847 910 1006 1106 088 961 961 961 961 981 981 981 981 981 981 981 981 981 98	-875 -913 -962 -954 -980 -973 -932 -920 -924 -849 -912 -126 -119 -048 -941 -910 -910 -910 -910 -910 -910 -910 -91	\$766 \$98 \$949 \$949 \$51 \$877 \$60 \$148 \$131 \$064 \$006 \$006 \$58	*899 *956 1008	.909 .963 1-013 .0999 1-011 0.997 .550 .550 .955 .556 .087 .144 .076 .040 .040 .040 .040 .040 .040 .040 .04	*\$07 *\$66 *981 -980 *980 *980 *\$41 *\$38 *\$51 -880 *957 *1664 *138 *045 *045 *045 *045 *045 *150 *150 *150 *150 *150 *150 *150 *15	978 -952 -931 -911 -534 -873 -873 -875 -141 -129 -031 -022 -940 -971 -940 -931 -876	-872 -940 -928 -945 -945 -958 -934 -908 -902 -894 -854 -854 -973 -903 -903 -903 -903 -903 -903 -903 -90	*854 922 -929 -940 -919 -867 -857 -857 -857 -857 -857 -963 -	853 -926 -500 -529 -915 -884 -854 -854 -854 -962 -962 -966 -567 -548 -	*868** -941** -908** -939** -544** -123** -863** -863** -863** -973** -9971** -9971** -993** -913** -938**	-877 -961 -923 -951 -561 -540 -877 -851 -043 -015 -972 -972 -972 -546 -526 -526 -536 -546 -546 -546 -546 -546 -546 -546 -54	\$01 \$70 \$16 \$16 \$16 \$15 \$15 \$15 \$15 \$15 \$15 \$15 \$15	1-010 -913 0-920 -973 -941 -928 -903 -958 -1034 -1149 -065 -065 -016 -004 0-972 -948 -948 -986	*\$36 1-038 -002 0-041 0-093 1-274 1-274 1-275 1-274 1-275 1-	*551 1-048 	948 1001 -011 011 033 009 573 -963 588 1009 142 167 -099 0099 0099 0099 142 0099 009	-920 1-003 	*884 *577 	-856 -946 -921 -951 -571 -571 -571 -571 -571 -571 -571 -5	*834 *916 *8:7 *9:94 *8:91 *8:92 *8:86 *8:92 *8:93 *9:95 *9:95 *9:95 *9:96 *9 *9:96 *9 *9 *9 *9 *9 *9 *9 *9 *9 *9 *9 *9 *9	- 935 - 905 - 888 - 915 - 874 - 874 - 874 - 552 - 1059 - 1059	0 900 888 955 968 933 911 900 866 88 93 91 900 866 91 900 900 900 900 900 900 900 900 900
Means,	-904	.916	-931	-556	-978	-989	-954	·£85	-£65	948	-924	.019	·925	-040	-962	-950	1-013	5-084	1-016	.990	-561	·\$31	-906	-857	.93

<sup>\*</sup> The numbers in these columns are not observed: but interpolated for the sake of obtaining the daily Means, and those numbers on the bends of them are the corrections of interpolations

BAROMETRIC PRESSURE- (Corrected,)

Gettlegen Mess lines,	Noon.	. 1	8	3	4	5	6	7	8	9	10	11	Jz	13	16	16	16	17	18	19	20	31	82	52	Daily to Month!
Nadres Monn Tune-		La	b. m.	5.61 7.61	h m. Nei	h m. R.11	h-m- 10:41	hā	M .m. 12 41	h m. 13,45	li ai	ik,ii		12-11	18 41	b 10. 19 41		h in H of	5 m. 92,48	di at	b. m. 0,41	ì,ï	3 11	± = 0	Massa
	ln.	Ia.	In,	In.	ln.	lu.	la,	Iu	lu.	in.	lo.	In.	Iu.	Ia.	In.	lu.	In.	lu.	la.	la	Ju.	lu.	Is.	In.	la.
1 2 8	8:8	1889 1851	955 968 930	-880 -88-0 -905	-901	912	·916	*103	*85.9	873 884	-861	352 872	.874	219	6.977 -5.19 -1.05	917 917	1560		959	1.25		-857 -879	0.495 -839 -857	6-916 -836 -830	-851 -851
8 8 7 8 9 10	903 870 823	918 -918 -588 -839 -874 -918	_	540 518 811 899 913	-937 -986 -939 -904 -838 -171 -977	952 155 118 150	959 959 918 943 979	-977 -954 -912	.978	-919 -876 -8:4	9 14 1853 1859	9:8 938 938 931 836 965	153 -859 -861 1682	-578 -578	-183 -969 -931 -101 -331 -161	-518 -557 -557 -935 -980 -902	*LZU 8100 558	.500	933 936	954	955 539 877 503 920 582	935 850 874 879	-\$17 -\$52 -\$50 -\$50 -\$57 -898	909 861 801 841 848 857	-946 -936 -915 -816 -916 -147
MARCH 1854 12 12 14 15 16 17 18	-879 846 -837 -849 -890 -974	-852 -857 -845 -858 -500 -857	-95.1 877 -854 -885 -591 -808	940 897 868 910	957 518 585 584	-575 -031 -9-5 -945	-573 -928 -507 543 -085	918	588 503 808	948 938 938 879 910 958	-857 -873 -913 -955	91/7 554	-851	*504 *894	967 927 927 923 964 979	1994 1994 158 1929 193 1000	951 1-04 916	*011 *562 1109 *726	1558 1-08 1018	158 158 158 150	114 107 155 156	880 935 925	810 864 847 819 910 896	876 851 88 839 9.0 852	-151 -141 -905 -931 -951
19 80 21 28 25 24	-887 -918	*818 *841 *170 *945 *900	-916 -957 -950 -964 -941 -192	947 989 1403 0995 167	983 1-013 1-013 1-018	-178 1634 -063	-983 1-41 1-67 1-67	981 1 007 1056 1099	-985 1-107 -048 -002	-939 -538 1001 -U27	958		-92) -559 1-003 0-909 -949	961 1000 006	0168	-001 -018 -066 -071 -028 -018	1633 -087 -688 -040 -022	-050	-078 -077 -028 -000	1-014 -048 -044 -044 -165	950	-572 -597 -015	-818 -949 -936 -930 -106 -855	-851 -918 -545 -531 -591 -883	-041 -961 -02: -02:
26 27 \$5 29 30 81	-533 -548 -809 735 7-54	898 870 818 748 798	918 893 838 791	-988 -985 -548 -814	964	-580 -558 -887	168 -941 -883	963	*119 *851 *749	-812	878 8±4 776	911 -874 -520 -781	852 828 71-8	8:3	-\$71 -960 -968 -847 -824 -897	952 952 929 877 .537	-000 0145 -884 -851	-017 -005 -012 -853 -881 -555		958 818 827 811	945 935 858 798 815 161	768 768	-101 -875 -875 -741 -760 -855	555 513 813 751 780 833	-18 -93 -81 -83 -81
Means.	881	-874	-898	991	-944	1980	-\$82	951	-931	-915	-507	-901	907	-983	945	-971	688	-594	981	-956	-924	804	-878	-851	-90
1 8 3 4 5 8 7 8	794 758 820	-804 -817 -830	810 837 816 783	855 871 756	849 85 t 893 809	-800 108 101 1828 -781	-880 -891 -315 -840	865 888 895 828	868 868 880 808 746	*853 *853 *853 *788 *731	0 163 -846 -849 -843	-860 -886 -767 -734	815 812 813 761 736	987 870 811 818 778 718	-848 946 986 788 787	-940 -938 -883 -813 -800	946 955 936 930 830	139	-916 -\$30 -876 -812	927	866 895 807 746 737	-834 -861 -785 -715		0 718 718 632 728 601 687	6 57 4 - 73
10 11 18 18 14 18 16 17	-878 -687 -711 -712 -694 -668 -724	705 705 718 718 768 815	·760	713	794 787 760 737	816 818 801 -773 750	812 803 794 769 -529	763	788 789 781 781 758	748 783 768 778 767 767	735 787 754 764 760 751	-739 -782 -753 -762 -753 -753 -753	783 789 784 771 788 763	770 8:1 787 789 761 767 -810	788 803 965 785 779 829	-809 -841 -837 -835 -821	816 811 850 837 814 860	825 565 848 851 838 838	*804 *861 *838 *838 *815 *815	-778 -885 -814 -783 -810 -505	735 807 781 776 748 799 785	713 770 753 749 718 789 739	739 726 726 689 748 717	-880 -791 -719 -857 -873 -718 -706	78 79 78 77 76 76 75
19 20 21 22 23 24	-657 -737 -711 -678 -618	720 754 728 614 616	780 758 717 850 686	775 814 774 740 701	758 758 750 758	*815 *514 *778 *734 *751	-801 -771 -733	710	735 735 654	*815 *762 *708 *5:1	743 697 705 716	743 -659 -709 -719	785 818 749 712 785 741	*808 *818 *770 *725 *725 *764	780 738 738 754 753	-819 -804 -767 -781 -808	-850 -818 -770 -718 -525	-756 -756 -758 -758	788 755 771 -771	-823 -787 -725 -725 -789		-759 -655 -656 -723	748 729 -673 -631 -636 -700	732 707 663 606 	79: 76: 71: 71: 73:
25 26 97 28 29 30	-686 -725 -747 -715 -718	-617 -744 -261 -727 -727	779 779 784 744 735	760	797 838 836 779 779	-500	827 837 773 823	1823	-829 -814 -763	799 813 795 751	754 8/4 753 747	778	784 755 758 761	·799 ·818 ·808 ·760	718	-824	873 870 636	867	-850 -811	817 828 714	-763	-777	-758 -766 -738 -725	741 754 728 714 747	79 81 86 77

#### BAROMETRIC PRESSURE. (Corrected.)

Gotting Mean T	pen ime.	Noon.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	30	21	22	23	Paily an Monthly
Medra Mess T	ime.		b.m. 5.4t	h m. 641	h m 7.41	b. m 8,41	h. m. 9-41	h, m, 10,41	b. m. 11,41	h - m 13 41	h- m 13,41	h m 14,41	h.m 15-41	h m 16 41	h m 17,41	h m 16,41	h m. 19,41	h m. 2041	h m. 21,41	h. m. 28,41	h. 15. 23,41	h. ss. U.43	b. m. 1.41	h m. 2.41	h m. 3.41	Monthly
	7 10000	ln.	In.	lu.	lu.	Ìu.	la.	ln.	In.	l n.	10.	14-	lu-	In-	ln,	lu.	In.	lu-	la.	la	Ĭn-	ln.	In.	lo.	In	In.
	1	0746	0 761	0 776	0.788	0 804		0.838	0-633	0.918			0.283	0 903	0.833	0-850	0 882	0 913	0-909	0.884	0 841	0-848				0.82
	3	-831 835	-848	872	838	861	910	915	878	891	889	.894	895	.808	900	.551	-966	.972	-963	.954	935	·899	·874 ·867	*855 *857	842	·87
	4 5 6	799 810		·874 ·837 ·844	894 -861 -869	-907 883 -891	-536 -8:5 -503	·919 ·887 ·905		.865			·853	854	878 669	·856	917		532	908 -911	·899 ·828	868	·848 ·840	·823 ·829		·88
	7	-774	_	-809	-829	855	873	-87.7	·868	_	·863	856	·843	843	859	852	·911	925	924	-911	891	863	825	·800 ·771	·779	86
	9 10	750	·778		-833 -808	839		818	·835	314		758 832	·785	·789			*857 *860	·8/18	874	·857	833	·808	77.4	·756	·72:	: 21 22
	11	760	776	815	831	·853 ·869	876	·883	876 -858	'856 '840	·837	834	·815	·818	841	1871	·887	.897	913	-922	·991 ·857	865	·841 ·826	·805	·759	84
1854.	13 14	767	-715	_	-837	*840	856	.861	867	-839	845	857	-818	870	-889	-898	-516	916	914	962	838	865	811	822	898	-857
MAY	15	757	·8(5	752	837 818	811	863	887	-887 -857	879 839	863	.855	·842	814	·859	883	.881	.898	·8.8	.831	853	811	*821	783 ·799	762 782	849
×	18	781 803 725	·789	.853	811	·355	·87 #	889	-891 -891	·889	817	·866	·861	*839	-854		.883	.800	.891	868	9J1 814	869	*845 *780	·820	735	869
	19 20 21	.688	733 -655	758 722	781 746	816 774	823 712	·806	808	-780	788	777	-767	·768	785	·813	736	_	·752	_	775	·749	·721	639	617	778
	22	611	·619	638	661	675 649	697	·705	-653	·681	-656 -639	619	-621	·617	635	689	678	691	690	-678	655	633	604	604	.586	72 65 63
	24	553	570	613	626	619	619	.665	-653	613	·615	-593	·579	·576	-593	616	614	653	632	-63 L	628	614	·588	·569	549	·613
	26	500			·588	696	·616	-613			573	559	.555	-563	-583	-611	.619	.635	635	-625	-606	.586	-556	-530	510	58
	28 29		-508	581	-557	-583	-594	-556	559	-550		·558 ·574	563	·564	·580	-610 -596	·631		·635	614		·564	529 538	506		·56
	80 31			*539 *548	·567		·600	-595 -600			565 577	578 578	551 •561	·559 ·560	·581 ·583	-6∪3 -6∪6	.636	.626 -638	·624 ·631	-609 -617		·558	540	523		57
Mean	s.	694	706	-729	.752	-774	790	792	-786	.772	756	-747	.740	745	-762	-786	-804	814	-812	·797	·781	·755	.729	-707	-685	.759
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	1 2		531	.551	. 870	.579	.591	.601	.596	.531	570	0 199 -565	561	-566		. 639 0 etu	650	682	0.623	.665	648	620	-603	0'521 '57S		0.59
	8	-	_	_	_	657	-	-613	632	-611	628	651	651	-661	671	706	708	716	722	.712	-699			-525		•65
	6	.640	613	680	703	718	740	742	·725		706 700 698	·704	7 6 681 689	-717 -688 -710	712	-731	754	·774 ·765	779	·761	·730	.710		655	·630 ·641	·71
	7 8 9	663	676	695	.719	·658 ·727 ·782	731	719 712 786	.747	705 745 793	.739	.721	·707	·703	·707	719 720 790	·749 ·747 ·822	·753 ·768 ·831	-753 -789	781	-767 -758	760	·753	·652	710	·70
	10 11		-736 -689	779	·7:7 ·786	760	774	808	801 795	789	·7±0	·773	-698	740	718	·739	749	-754	·834 ·746	731	714	_	_	·7:6	-689	·77
	12	607	664	·694 ·633	·705	·710	·712	·7±7	·728		699	-680 -667	-672 -678	·674	·688	715 -739	721	722	733 770	.718	·698	674	611	·615	652	68
185	14	650	666	-683	·702	·728 747	·749	758		.730	·722 ·749	731	·726	740	·755	·782		800	*808 *799	·792	.779	·753	-726	-699 -668		·73
UNE 185	16 17	.640	665		729	760 788	773	783	·758		727	.723	.720	727	-731	755	·775	.777	769	756	731	708	674	654	644	-72
26	18	635	-648	-665	681	712	738	733	-728	713	710	701	·699	-712		·724 ·755	·732	743	·749	.770	·714	-714	·676	675	·634 ·655	.70
	20 21	669	·682	708	722	755		7:0	.762 .758	747	-739		739			777	·791	·795	755	+753	.730	·725	657	·663	657	74
	23 23	659	·673	·6: 5	·729	753	.761	.761	·762	.728	·730	·719	·71 2 ·690	-714 -701	·729	753 741	·768	·774	772	·768	·718	·712 ·748	·659	·673	665	72
	24	655	704	·720	·736	-755 -6: 2	·763	·781	-744	_	·739	7.17	·729	·720	·741 ·687	·760 ·710	·77 \$	789 733	789	·766	754		·701 ·663	·679 ·636	658	.73
	26 27 28	616	·634 ·691	·658	717	743	.755	763	755	.738	.725	718	-713	.718	.734	.750	·770	732	.733	7:3	.766		·727	6:8	675	-7
	29	-694	.702	729 724	747	·766	793	'808	805	.758	.789	.786		-775	.781	-793		-826	·828	.825	-811	.787	.773	-743 -785	-799	*70 *77
_									_			_		_				_	_		_	_	_		_	_

<sup>\*</sup> The numbers in these columns are not observed; but interpolated for the sake of obtaining the daily Means, and those numbers on the heads of them are the corrections of interpolations.

BAROMETRIC PRESSURE (Corrected)

Gettingen Mean ) met,	Non	n. 1	8	3	4	5	6	7	6	9	10	11	13	13	16	16	18	17	16	19	20	61	22	63	Dully a Month
Mulms tean Luce.	5. m.	h. m. 4-tk	b no. 0.61	b, m. 7-st	h. m. 6-41	h. m. 9 61	h. m. 10.41	h. m. 11-41	k. es. 12 él	h. m. 13.41	b. m. 14.61	h, m. 13 si	h. m. 10 si	h. m. 17.41	h. m. 10 si	h. m. 1941	h, m. 90 si	h. m. Gi st	h. m. 22.41	h. m. 63-41	b. m. 0.61	l. n. 1.41	k. m. 741	8.01 9.61	Mean
	In.	lu.	Iu,	la	In.	Iu.	In.	In.	lu-	In.	la.	lo.	la.	Iu-	lu.	lu-	In.	lo.	la,	lo.	lu.	In.	Iu.	In.	11
10 L 1884. 67 L 1884. 10 L 12 L 14 L 18	690 7707 613 596 613 587 610 676 676 676 610 613 610 613 614 615 615 615 615 615 615 615 615 615 615	-616 -616 -621 -618 -631 -638 -638 -638 -638 -638 -638 -638 -638	-895 -748 -677 -634 -620 -64 -612 -612 -612 -612 -612 -612 -613 -613 -613 -613 -613 -613 -613 -613	758 679 652 669 709 655 659 676 855 679 709 655 659 676 855 677 655 677 675 677 675 677 675 677 675 677 675 677 675 677 677	-751 -834 -879 -879 -705 -705 -701 -724 -898 -718	7507 7677 7428 7742 7742 7746 7747 870 7746 870 7715 7727 7726 7715 7727 7715 7717 7717 7717 7717 7717	7754 748 701 714 721 764 769 735 638 735 728 777 728 777 774 775 774 774 774 775 774 774 774	756 7740 7759 7740 7752 7740 7752 7740 6574 6574 674 674 7769 7769 7769 7769 7743 7714 7714 7714 7714	7346 730 7746 733 6746 656 657 7717 7717 7717 7717 7717 7717	721 735 716 875 716 875 716 695 695 695 704 714 728	715 756 7671 713 703 737 637 637 637 638 627 604 868	9710 7713 7736 670 704 7710 7710 624 636 636 636 716 7717 723 723 7706	719 743 606 877 709 663 653 663 653 663 653 653 653 775 777 775 7775 7	-713 -691 -650 -639 -639 -639 -839 -710 -766 -716 -716	761 761 729 730 717 786 668 660 711 756 775 786 775 786 775 786 775 786 775 786 775 775 775 775 775 775 775 775 775 77	7777 7650 745 727 732 725 693 676 720 669 674 727 727	7:6 750 755 757 757 758 758 758 634 634 653 756 653 756 743 755	690 697 740 878 681 758 772 759 763 758	750 742 714 708 746 746 718 661 734	739 725 655 671 748 725 697 698 753 630 664 711 638 718 725	734 716 663 663 663 781 703 873 873 787 654 654 654 654 721 726 726 726 726 727 727 727	733 636 637 630 618 703 676 6518 709 536 651 651 651 651 651 651 651 651 651 65	0716 672 663 663 663 663 663 663 663 663 663 66		07-77-77-77-66-6-6-6-6-6-6-77-77-77-77-77
69 60 31 Means-	820			-699		_		_	-798 -637 -712	_		-679	_	-695		725	-729				-681	-663	-645 -645	-627 -621	-6
1 2 6 6 6 7 8 9 9 9 11 12 13 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	506 519 531 668 669 654 662 643 623 715 747 748 704 656 657 715 716 658 657 747 748 748 748 748 748 748 74	6618 678 678 678 678 678 677 7731 7749 7749 7749 7749 7749 6671 6627	649 667 708 727 727 745 679 633 730 7742 7742 7742 7742 775 819 775 7742 775 7742 775 7742 775 7742 775 7742 775 7742 7745 7745	748 7781 779 7786 7786 7786 7786 7786 807 7786 807 7787 818 7777 7787 7787 7787 7787 7		71997746 7719777616 76997782 76197747 7747 7747 7747 7747 7747 7747 774	722 756 620 779 620 779 620 779 620 779 620 779 620 620 620 620 620 620 620 620 620 620	707 7754 836 763 7437 601 816 759 731 810 836 838 838 849 94 765 754 802 771 810 771 771	738-843 779-723-721 728-721 728-616-72-75-75-75-75-75-75-75-75-75-75-75-75-75-	593 761 743 797 748 775 775 806 818 775 775 775 775 775 775 775 775 775 77	729 732 775 7711 657 776 656 656 656 776 601 777 789 775 775 775 775 775 775 775 775 775 77	7.09 7.757 7.757 7.711 7.749 7.749 7.769 7.769 7.769 7.769 7.773 7.765 7.757 7.757 7.758 7.759 7.758 7.759 7	715 743 743 716 716 717 775 712 775 712 775 775 775 775 775 775 775 775 775 77	733 746 778 778 778 778 778 778 778 778 619 614 613 773 775 868 747 775 775 775 775 775 775 775 775 775	757 764 785 759 758 778 778 778 778 778 778 774 884 884 88	761 788 600 844 786 797 783 797 783 843 856 859 647 775 862 774 775 827 774 774	802 -789 -810 -823 -918 -	787 765 810 810 810 810 810 810 810 810 810 810	750 776 823 7786 8779 8786 7772 789 623 839 858 858 858 858 858 7794 858 7794 8514 7754 831 7754 7754 7754 7757 7	728 749 775 800 762 776 776 776 813 813 813 876 776 80 776 80 776 80 776 80 776 776 80 776 776 776 776 776 776 776 776 776 77	781 775 775 775 775 775 775 775 775 775 77	654 896 723 736 737 673 776 776 776 776 77	7678 668 676 676 676 677 7717 7744 7750 7753 682 676 676 676 676 676 676 676 676 676 67	630 631 636 676 676 676 676 631 -712 746 746 746 746 746 746 746 746 661 661 666 661 666 666 666 666 666 6	0 6 6

\* The numbers in these columns are not observed; but interpolated for the major of observing the delty Monay, and those numbers on the heady of them are the corrections of interpolations.

## MADRAS, 1854.-METEOROLOGICAL OBSERVATIONS.

# BAROMETRIC DESCRIPS (Consoled)

							Ba	romete			1ETR - 29 E				•			he Ta	ble-							
Gottage Meen Tir	th total	Nooe	. 1	8	3	4	5	6	7	8	9	10	11	18	13	14	13	16	17	18	19	26	91	ti	23	Belleved
Hadra M	leate	P. N. 8. H. 4.43	5 m	6 si	8- m. 7-41	h ss. 8.41	h sa 9.41	5 m. 10,41	b. m. 11.44	5. m. 12 41	b. m. 11 41	b. m 16-41	h st. 14.41	h so. 16.41	h m. 17.41	h m 23.41	h an 17 41	h ts. 20.44	h m. 31 43	h. us. 21.41	h m. 15.41	h m. 0.61	h. sa. L-61	h m. 2.44	3.41	Bully and Monthly Means
	100,000	la.	In.	In.	In.	la.	In.	In.	lu	Lu.	1u. 6	La.	10.	Ĺu.	lu.	lu.	lu.	Ia.	la.	In.	in.	Iu.	In.	ip.	I.u	ia.
	1		0 AT4 -50 4	618	0 ess -847	e-ese -868	0-633 -683	·638	0'6M	0'013 -657	0:617		0 009	_	_	_	_	-	_	orest	-	-	-	_	0-179	0 630
	8 4 8 6 7 8 9	675 671 662 638 614	-683 -683 -6:-7 -881 -517 -519	-701 -713 -886 -690 -629	700	741 743 701 723 878	-765 -775 -718 -713 -694	789 783 727 725 726 658	-754 -773 -719 -725 899 654	738 748 709 703 631 877	-877	749 718 -687 -670	_	657 581 651	*8:8	711 715 698	758 787 753 740 730 730	781 782 761 763 741 725	782 789 763 765 740 739	785 730 737 737 731 732	743 760 728 740 703 713	724 730 889 718 872 636	708 702 859 690 639 660	-671 -618 -636	-876 -876 -819 -319 -555 -618	-695 -735 -725 -705 -655 -671
RPTEMBER 1854.	10 11 12 13 14 15	581 624 618 675 718	-604 -633 -847 -686 -748 -736	-653	-845 -875 -683 -714 -793 -814	663 -898 -705 -767 -818 -817	·781	-679 -725 -740 -781 -826 -840	-678 -716 -717 -789 -821 -331	-670 -702 -728 -759 -787 -804	716 747 784	647 659 715 741 787	714 714 740 799	707 724 751 803	·719 ·730 ·777 ·815	734 731 726 833	734 748 751 821 343	761 755 833 866	729 747 754 793 831 865	719 748 737 780 816 845	718 719 750 796 839	·764 ·869	-858 -655 -737 -788	-598 -635 -631 -711 -711 -758	-585 -625 -815 -670 -714 -795	-676 -676 -713 -766 -8.1
SEPTE	17 18 19 90 91 22 23	748 783 736 745 745 654	757 779 709 757 719 671	-785 -808 -719 -788 -740 -690	-805 -835 -812 -807 -774 -711	-828 -840 -844 -837 -737	-845 -816 -816 -817 -798 -748	-831 878 -560 -548 -794 -747	853	813 -847 -847 -841 -831 -771 -728	-807 -751	790 806 814 813 719 -738	*813 *814 *795 *735	743	818 -818 -753	-858 -863 -861 -819 -719	793	883 885 806	*851 *851 *851 *851	-864 -874 -835 -870 -847 -791	*835 *834 *835 *835 *768	796 803 752 793 787 730	-758 -778 -753 -757 -755 -856	749 -756 -737 -743 -723 -674	-712 -655	-815 -835 -835 -836 -755
	24 25 26 27 28 29	718	707 730 749 765 740	731 -761 -774 -782 -803	-788 -782 -816 -828 -818	777 -804 810 -836 -848	788 813 831 845	783 828 839 851 834	777 814 834 844 819	-768 -800 -824 -837 -S00	787 516 816	731	·778 ·758 ·799	787 808 816	-749 -778 -793 -899 -820 -788	768 713 -806 -817 -816 -815	786 -811 -826 -853 -874 -846		814 810 870 881 863	-871 -841	-818	·289 ·805 ·78)	-708 -731 -751 -786 -746 -747		-730 -730 -743 -718 -718	-781 -781 -781 -791
Means		-678	694	·718	740	-761	.775	777	760	735	743	-738	786	-743	·785	-77 8	756	-8./5	-810	798	-771	-739	711	-810	-678	-74
ptember.	. 30	0 730	0 717	0.791	0.791	0102	01924	61836	0.614	01901	-0037	_	-9317	_	_	_	_	_	_	_	_	_	_	_	_	
•	1 8 4 5 6	631	783 686 654 592 785	748 781 702 710 754	778 749 731 782 768 789	*801 *750 *754 *768 *788 *808	-808 -778 -767 -783 -719 -818	*818 *775 *758 *784 *754 *598	712 725 787	·731	724 -650 -725 -770	749 -726 -679 -716 -763	-711 -675 -722 -765	.744 -706 590 -785 -778	769 769 755 785	774 731 735 763 816	768 761 839	7:0 750 780 8:4 547	789 788 787 828 850	773 779 173 847 824	788 748 779 801	714 723 781 750 771	874 690 684 780 746	-678 -858 -724 -729	643 643 7859 730 737	979 -78 -73 -71 -75 -78
1954.	8 9 10 11 12 13		-329 -849 -862 -795 -837 -858	816 816 818 868 883	878 893 848 847 899	.109	-516 -920 -830 -359 -944 -968	-916 -990 -588 -874 -931	-911 -878 -857 -927	_	-829 -878 -883 -848 -848	836 836 838 814	841 830 856	-854 -856 -857	-867	919 931 838 838 900	943 933 911 918	918 918 918 943	-941 -918 -928	908 934 910 -594 -893 -936	-878 -870	·818 ·839	-813	808 801 756 814 811	836 817 798 781 805 833	83 88 89 85
OCTOBER	18 17 18 19 20 91	869 820 840 776 791 803	-851 -858 -849 -791 -801 -820	-	-937 -913 -953 -849	879	-959 -933 -831 -574 -877 -509	-968 -913 -851 -863 -879 -815	-944 -943 -858 -855	-\$05 -876 -856 -831	-919 -889 -868 -837 -518 -824	-878 -853 -833 -518	-879 -551 -827	5 19 582 825	108 882 860	-901	.879	-587 -598 -538 -018 -101 -934	-\$38 -917 -904	.768	-929 -914 -837 -853 -867 -887	-885 -855 -855	-863 -825 -820 -820		*839 *834 *821 *756 *935 *788	-91 -58 -85 -54 -85
	22 93 94 25 26 97 28	789 816 789 757 784 768	-802 -815 -816 -718 -781 -789	_	813 352 856 814 838 807	-858 -864 -855 -852 -848	861 868 857	-863 674 -834 -836 -874 -521	-850 -863 -863	-831 -813 -853 -821 -778	-826 -810 -831 -836 -805 -760	798 823 797 738	799 813 813 893 748	513 813 815 749	837 834 812 782	-845 -854 -853 -849 -695	869 869 747	7:3	884 889 885 757	-854 -563 -882 -577 -571 -757	839 848 878 841 850 751	831 830 778	815 814 801 8:0 767	308 -790 -755 -770 -784	776 *810 *786 *778 *767 *753	-81 -63 -84 -82 -77
	80 81	S68 854	-818 -863	-837 -837	_	-893	-505	-899 -938	-580	-873		*814 *813 *904	-843		.873	-861 -905 -917	937 931 978	-914 -554 -989	.955	-818 -941 -971	-884 -914 912	817 835 817	-827 -857 -873	-508 -519 -853	795 844 814	-83 -87 -91
Means		780	-754	-817	-843	-868	-871	-867	-851	835	-823	-818	-813	826	-887	-816	-878	-897	-818	-881	855	-828	-801	.785	777	-83

\* The month curse these columns are not observed, but interpolated for the sake of obtaining the daily Menne, and those numbers on the heads of those see the eccretions of interpolations.

## BAROMETRIC PRESSURE (Corrected),

Gettingen Mess Finse,	Noon.	. 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Paily s
Madres Mean Time.	r. d. h. 141 4-11	h. m. 5.41	h. m 6.41	h. m. 7.41	h m- 6,41	b, m. 941	h, m 10 +1	h m.	h .m. 12,41	h. m. 13,41	h. m. 14.41	h m- 10-41	b. m. 16,41	h. m. 17.41	h- m- 18.41	h. ra. 19.41	h. m. 20-41	h. m. 21.41	h.m 22,41	h, 20. 23.41	b m. 0.\$1	h. m. 1,41	h. m. 2.41	h. m. 3.41	Month
	In.	În.	In.	ln.	in.	ln.	Ín.	In.	In.	In.	lu.	Iu.	ln.	ln.	In.	In.	Iu.	In.	În.	In.	ln.	ln.	In.	ln.	Ín.
1	0811	nsta	0.890	0-917	0-934	0-241	0-933	U-930	0-207	0-691	0 856	- 0019 0-875	0 876	0:001	0 123	0"943	0.818	0 971	0-946	0.908	0.507	01912	praes	0.815	0:89
9		841	875	897	928	934	923	904	.885	864	851	850	861	878	906	929	952	956	949	922	893		843	840	*85
3	836	860	876	·884 ·859	926	1945	930	913	*895 *866	874	*858	844	842	855	884	*898	914	932	-929	859	855	*848	*838	'826	-8
5	-	_	-	_	-	_	-	_	_	834	827	824	*833	*850	-862	889	908	901	889	*860	837		787	793	-8
1 7	:803	·821	902	933 933	957	962	941	924	·859	852	·849	841	908	*855 *918	935	902	922	929	923	1892	·870		*837	841	-8
8		890	931	958	980	985	981	959	950	934	923	924	937	959	984	993	1.002	1 003	989	980	961	942	940	927	.9
9 10	941	957	1009	1405	1.013	1019	1-006	1.001	1.000	1.000	984	984	996	1.008	1023	1048	*060 *063	·073	1 054	1036	1,013	984	978	980	1.0
. 11		991	0-997	-020	934	037	031	022	017	-	-	947	-	966		1008	026	032	-	_	_	_	_	-	_
12 13	934	945	-968	0 191	1008	-012	1005	0.045	0.969	949	948	947	-957 -939	945	972	0.995	1026	032	1008	965	940	929	-921 -898	917	6.0
	-898	918	941	965	0 973	0.976	0.070	958	940	928	920	918	-927	938	960	984	.005	003	0 993	966	938	915	1898	910	*9
14 15 15 16 17 18 18 19 19 19		-932 -965	957	1011	1.002	1-010	1004	1.053	982	956	935	932	941	958	1013	1003	024	1034	1031	1996	1974		938	931	1:0
17	973	993	1-011	035	041	046	040	022	1.004	985	971	955	950	976	0 989	.011	038	029	018	0.997	0 243		927	917	0.9
18	930	947	0.966	0-296	.002	-007	-009	0.1103	0-971	968	954	-946	950	956	980	.002	-016	031	018	-086	959	-935	-931	925	-9
20		940	967	996	008	110	012	992		954	943	940	948	963	989	.007	024	035	017	988	969	943	936	929	-9
21 22		964	993	1 013	015	1006	020	0 190	1.005 0.968	975	949	938	938	951	988	0.010	015	0.514	010	996	967	935	931	927	-9
23	-897	912	-920	945	-968	0 956	0-990	-952	938	917	-900	.890	891	907	930	962	976	991	968	943	921	*883	891	894	-9
24 25		938	967	979	1018	1003	1016	975	959	946	938	938	950	963	1.003	1.018	1.011	1 035	1.054	1 001	957	941	929	937	-9
21	I -	-	_	1 009	1018		1 010	1.003	-	951	-933	929	937	951	0 978	.003	015	015	0.880	0958	919	-891	882	878	-9
27 28		915	948	0978 991	1000	1006	0.988	0.983	1.001	950	925	921	929	947	1.001	0.613	013	-018 -051	1.002	1009	-957 -977	935	909	906	-9
20		958	982	1 004	-021	026	032	026	005	996		986		11000	-021	048	.066	.067	048	031	1:007		972	970	1.0
30	988	1-901	1-023	-045	-058	-057	*040	-030	-026	1-018	1-015	1.014	1.031	-034	-058	-069	-082	.078	-063	1034	-003	975	-961	-959	-0
feans.	.913	927	950	974	-989	-997	-990	976	-961	943	929	924	931	944	968	.990	*007	*012	-999	972	944	919	907	905	-9
										C013		# - 0000													
1		0978	1-015	1.030		1-061	1:047	1 035	1 000	1-013	0.999	0.423	0.553	1011	1-0:00	1-010	1:063	1.066	1-041	1408	0 950	0.955	0 945	0 933	1.0
3	949	958	0.029	0.995	-004	-008	0-991	0977	0.362	0.958	-949	-939	-941	0.963	0974	1000	-020	.016	007	0:964	949	-932	-926	935	0.9
4		947	978	1 005	-027	-029	1 016	1-011	988	973	961	959	-969	975	1 002	024	047	1051	041	1 000	988	957	945	950	-9
5 6		975	1.002	024	047	052	044	1033	0.953	0 970	994	1991 1956	1999 1964	1.007	030	056	1080	1035	067	0.039	1-009	984	963	959	1.0
7	907	920	939	0 967	0 990	0 979	0.968	0.965	1955	944	935	-926	928	945	969	0.983	1000	1001	0'991	958	935	918	.899	894	-9
8		-921 -937	941	964	1.009	977	1012	-961 -997	955	943	934	931	940	953	968	996	012	016	1.003	973	948	928	901	905	-9
10	I —	_	-	-	_	-	_	_	_	992	-996	-991	998	1-008	1-028	1:061	1085	-086	082	1:061	1-087	1-049	999	997	1.0
11 12		1.015	1012	1.007	100	105	1088	1076	1054	1067	1052	1.047	1-054	062	078	104	116	1133	107	1076	053	021	1006	1006	10
13	-041	059	062	.100	108	121	4111	.089	1085	-072	061	-051	052	059	072	.091	.111	1112	.099	.065	-035	004	0 959	0.993	-0
14 15		013	024	053	1038	1085	1075	070	*055 0.996	0.036	020	014	020	034	0.095	1064	078	077	009	041 010	014 0462	956	959	952	0.9
16		961	950	0-996	012	024	020	004	996	-	_	_	_	_	_	_	_	_	_	-	_	_	_		
15 16 17 18 19	-990	999	1 025	1-045	-057	-056	049	.033	1:018	*988 *999	983	980	988	1-006	0.996	049	075	084	068	1053	0.024	996	986	978	1.0
19	1929	948	0:969	0:101	0 996	-002	0.995	0.985	0.983	965	950	944	949	961	986	016	.038	4045	042	010	978	951	937	933	0.9
20 21		946	961	987	996	900	1:004	991	980	967	956	950	956	964	984	0002	019	024	014	0000	965	942	925	920	19
22	-914	930	959	983	985	0-995	980	909	956	949	944	936	940	946	962	982	998	1 003	993	962	927	901	*888	884	-9
23 24	.899	909	932	-953	-961	968	.963	955	-938	903	869	864	-871	873	-591	919	-937	0.938	-937	911	-880	859	847	845	-9
		880	897	929	947	944	943	934	923	895	-870	871	*883	902	915	942	963	969	961	944	910	888	.867	859	-9
25	*877	855	901	935	952	957	954	942	1934	911	·891	*888	·897	911	942	971	992	1-000	982	972	940	917	895	891	-93
26		-914 -913	943	968	982	980	979	969	916	924	905	898	910		944	974	995	995	985	965	935		885	889	-9: -9:
					-974	981	973	962		929	921	915	.921	930	953	976	1002	1-009	1 0/6	987	960	-929	905	-910	-9-
26 27 28 29	902	913	934	956															1000		000	020	200	010	
26 27 28	902	-913 -941 	967	992	1-015	1016		1-007	1-001	971	.944	937	942	955	972	1.005	019	021	7011	_	956	_	910	906	19

The numbers in these columns are not observed; but interpolated for the soice of obtaining the duly Menns, and those numbers on the beads of them are the corrections of interpolations
 46

Gattun Mean T	inte inte	Noot	1. 1	2	3	4	8	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Paily as
Madra Mean Ti		P. M. h m. 4 41	b, m. 6.41	h. m. 6,41	h m. 7.41	h. m. 8 41	h m. 9.41	h.m., 10 41	h. m. 11.41	h m 12.41	h m. 13.41	h m 14.41	ъ.m. 16-41	h. m 16 st	h. m 17.41	b. m. 18.41	h. m. 19 41	h m. 20,41	h m. 21.41	h.m. 23.41	h m 28.41	h m. 0.41	ls. 20. 1.41	h m. 2.41	h m 3,41	Monthly Means
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	o	0	0	0	0	0	0	0	0	0	0
ecembe	r 31 1 2 3	790	76:8 77:5 78:8	75.1 76·1 75:8	74·0 76·0 75·3	72.3 75.0 74.9	70·6  73·8 73·0		69:0 71:7 71:0	68:5 70:0 68:5	70*4 69*1 67*4	69·6 68·2 66·3	68-8 67-5 65-8	66.8	67 7 66 6 65 1	67:8 67:2 65:2	70:3 69:3 68:6	74·2 74·3 73·3	78·3 78·4 76·5	79:8 79:7 78:7	80-7 79-7 79-4	80°8 80°0 70°8	80°2 79°8 79°5	80·3 80·3 79·4	79·6 79·3	73: 74: 73:
	4 5 6	78·0 78·4 79·0 79·4	76·3 76·5 77·6 77·8	75-0 75-3 76-5 76-7	73·7 74·3 75·9 76·3	723 731 754 759		70·4 71·8 74·6	69:8 71:0 73:3 73:5	68·8 70·5 71·9 73·0	68-5 69-6 70-4	68:3 68:8 69:0	67·7 87·2 68·5	67·1	66·3	663 65-2 69-1	69:3 67:7 71:3	73·2 72·8 74·8		79:1 79:5 79:4	79·8 80·4 80·8	80·7 81·0 81·6		79·6 81·0 80·8	79-9 80-4 80-4	73 73 75
	8 9 10	77-0 81-3 79-5	76·6 79·6 78·3	766 781	766 780 77.0	765 786 786	765 780 764	765 762 760	768 758 750	77:3 75:7 74:1	74:3 77:1 75:6 72:5	73·8 77·0 75·6 71·0	75.1	72·8 76·3 74·6 70·3	76·3 73·3	72·3 76·6 73·2 69·4	73·9 78·6 75·0 71·4	767 803 786 73-2	80·1 81·9 80·0 77·4	826 828 810 804	82:3 83:5 81:7 80:5	83·5 81·5 81·2	83:3 83:3 81:6 80:5		77:4 81:6 80:2 80:4	76 78 77 75
1854.	12 13 14	78·8 79·2	77:8 77:4 77:8	76-4 76-2 76-7	75·7 75·9 76·0	75·5 75·8 76·0		75.0	747 747 728	72·4 73·5 71·7	71·1 71·0 72·2	69-9 70-4 71-7	70·2	69.0	68.3	68·2 69·5 69·0	71:0 71:3 71:7		77.6	78-7 79-8 79-7	79-5 80-2 80-7		80.3	80.3		75: 75: 75:
ANUARY	16 17 18 19	9.03	78·5 78·5 78·9 78·9	77:0 77:9 77:9 78:2	76·6 76·7 77·0 77·7	760 763 767 773	75·5 76·5 76·1 76·9	740	73·9 75·3 72·6 75·9	72·4 74·2 71·7 74·7	720 734 712 727	71·7 72·6 70·8 70·7	70·9 71·7 70·9 69·5	70·7 70·9 68·3		69·9 70·7 70·1 67·7	725 718 726 710	75·2 76·6 76·2 75·3	79·0 79·7 78·8 78·6	80-7 80-9 81-6 79-7	81:0 81:8 82:2 80:1	81.5	820	81·7 82·0 82·5 80·5	81·3 81·9 82·0	76- 76- 76- 75-
, E	20 21 22 23	78·6 80·0	77:6 77:8 78:2	76·8 76·8	762 764 765	75·7 75·5 76·4	75·4 76·2	75·4 76·0	75-5 75-4 75-8	75·1 75·2 75·2	75·6 74·8	75·0 75·4 74·5	75·9 75·2 74·1	75·0 73·7	72·2 72·3		73·5 74·2 73·5	76·5 78·3 77·3	78-7 79-4 79-0	79·7 80·6 80·4		80·7 81·8 80·4	80-8 81-6 80-5	80·0 82·0 80·4	79 8 81·2 80·5	76: 77: 76:
	24 25 26 27	79·4 79·2 78·9	77-7 77-7 77-7 77-4		75·7 75·7 75·8 75·0			73·0 73·7 70·7	73·7 71·0 71·4 69·7	73·6 70·0 69·6 69·2	71.9 69.5 69.4 68.7	703 69-0 69-2 68-3	68.5	68-0	67.8	67·2 67·3	70 0 70 5 69 6 68 9	73'8 74'3 74'1 74'0	77:4 77:5 77:5 77:7	79·9 79·3 78·8 78·9	80·7 80·4 80·0 79·5	80-5 80-2 80-2		80·5 80·6 80·6 80·6	79:8 80:2 79:8 80:0	75- 74- 74- 73-
	28 29 30 31	79:4	77·6 77·6 78·0	763 759 765	75·5 75·3 75·6	75·0 74·8 74·7	74·8 74·5 73·0	74·5 73·9 71·2	72-4 71-5 70-0	70·6 69·6 68·7	70·7 69·3 67·9	70·1 69·1 67·1	69:5 68:5 67:4	67.8		67·7 66·7 66·6	69·7 69·1	744 745 741	78-0 77-3 76-6	78·7 78·5 79·2	80°2 79°8 80°3	80°8 80°1 81°5		80.6		74 74 74
Mean	19.	79.3	77-7	76-5	75 9	75-4	74.8	74-0	73-1	72-1	71-6	709	70-3	69-8	89-2	68-9	71.3	75:2	78-2	79 9	80.6	81.1	81-1	80-8	80.3	75
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	1 2 3 4	80·7 82·7 83·0 83·0	78.8 80.8 81.5 81.0	76·9 79·1 79·8 79·4	75·6 78·5 79·3 78·7	75·0 78·1 78·5 78·6	74·7 77·6 77·8 78·6		71.8 75.6 75.6 78.8		74·5 74·9	73·5 74·4	73-9	72-6	_	71.9	74·2 75·0	78·0 78·0	81-2	83 6 82 8	85·7 83·8	86·3 84·5		85·2 84·3	84.3	75 78 78
	5 6 7 8	82·5 82·7 82·2 82·9	80·7 81·1 80·4 80·7	79-0 80-0 78-9 79-4	78·1 78·8 78·4 78·7	77:5 78:2 77:8 78:4	77:4 78:0 77:6 78:0	77:0 77:4 77:0 77:4	76.5 77.2 76.4 77.0	76·2 76·6 76·2 76·4	75.5	72:3 73:5 74:5 73:5 75:0	72·8 73·3 72·7	720 721 715	71 8 71 9 71 0	71.7	748	77·7 77·7 77·6	81:6	83 3 82 8 82 6 83 3 83 2	83 9 83 7	84 4 84 0	84·3 84·3 84·6 84·2 84·6	84:0	83.6	78 78 78 78
1854.	10 11 12 13	83·5 84·2	81·5 82·3 82·3	79-6 80-5 80-8	78·7 79·6	77:9 78:7	76·4 77·2 80·5	75·6 75·5	750 750 750 708	75·6 73·5		72·0 72·0 75·5 78·5	71.5	704	69-5	69·3	73.0	77.3	81.7	84 0 84 7 87 9	86.3	85·5 87·0	86:7	86:1	85:1	78 78 78
FBRUARY	14 15 16 17	82-5 84-0 83-0 82-6	82:0 81:8 81:3 81:2	81·1 80·2 79·8 79·7	80:7 79:6 79:6 79:6	80·5 79·4 79·5 79·1	804 794 794 789	80:4 79:1 79:3 78:8	79.5 78.5 79.0 78.6	79·0 78·2 78·9 77·8	78·3 77·6 78·5	77-6 77-0 78-1	769 749 781	769 728 781	75·1 72·5 77·8	75 1 72 2 77 9	77-2 75-2 80-0	80°3 78 4 81°5	83.0	85 7 83 4 83 3	88·2 84·3 83·7 83·0	87.8	84.1	86:5	84:3 85:3 84:0 83:6 82:2	81 81 79 80 79
FE	18 19 20 12	81·9 81·8 81·8	79·8 	789 797 791 788	78-6 79-6 78-9 78-2	78·3 79·3 78·5 77·6	77:8 79:0 78:8 77:0	77-6 78-8 78-7 75-7	77·0 78·4 78·2 74·2	768 780 778 730	78-0 77-6 75-6 72-5		755	73.4	72-1	71.6	73°8	77.7	81 5	827	83·2 82·5 83·5 83·1	84.0	83·0 84·4	83.8	83.0	7:
	23 24 25 26	82-6 83-2 82-8	80-5 81-3 81-6	79:4 79:6 80:2	79·1 78·8 79·3	78:4 78:1 78:4	77-3 77-4 77-8	759 765 762	75·6 76·0 74·6	74·5			734	727	72·1	72.3 71.1	75·3 73·8	79°0 78°3	81.6	83.7	84·3 83·7	85·0 84·2	84·6 84·5	84·0 84·3	83·7 83·8	7: 7: 7: 7: 7: 7: 7: 7: 7: 7: 7: 7: 7: 7
	27 28		83·1 83·3	80·8 81·5	79-5 80-5	78·0 79·7	76-6 79-0	768 770	74-6 75-7		73.1	72.8	720	71.1		72-2	74.6	78-7	82-2	85 5	88:0	89-4	89.3	88-6	88.6	7
Mean		-			79-0												_									

. The numbers in there Columns are not observed ; but interpolated for the sake of obtaining the daily Means.

Sietting Neve I	10	Noon	. 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	18	17	18	19	20	91	9-9	23	
Mude Mean T	99	r. 16. h. m. 6.41	h m 1 41	b, m. 6.41	h m. 7.41	h m. 6,41	h, m. P.41	h.m. 10.44	h m 11-41	h == 1:+1	b. m. 15.41	h. m. 14-41	h m. 15 si	b m 16.41	h m 17.41	h m lin.el	3-rs 19-st	h m	h m.	h u.	h. m.	b ==	b. m.	k: m. 2,61	h, m	Bould at Month
					0	0	0	0		0	0		0	0	9	0								0	0	0
		86.5	840	89-2	81:0	80-2	79:3	78-9	78-8	74-8	73:0	71-9	71-7	71:5	70:7	70-5	74-5	TR:4	69-1	86.0	69.7	9014	901	89:3	88:5	80
	3 4	87:3	843	82.4	80.7	79-7	79-2 78-1 78-7	78:4	77:3	78°0 74°7 76°7	737	73:9	73-4	72.5	69-7	72:4	75-3	79.6	828 -	84 7	857	86-6	887 872	86 6	87'7 86'2	80 79
	5 6	808	83:9	817	979	80:3	80.1	79-8	78:7	78-3		74.7	741	73-4	726	73 0	79.3	81.8	84.6	87:4	873	87.6	88-1	88.0	87:3	81
	7 8					81.8				79-0 80-3				76.3	75.6	78 (	79·5	626	66.8	89.8	90-5	90'9	90-5	90°4	89-5	82
	9	87.5	85.8	83.8	N3-3	82-8	H2-5	81.1	(4) 5	79:7	79-2	7808	78%	77-6	77:2	77.6	81.0	848	87.8	88.5	89:4	89 g	89r7	89:5	88'8	83
	10	87.5	83.8	82'S	820	61.8	81.5	80-5	81.3	78-7	79-9	79-3	78:1	76-9	76 2	78:	79-7	622	84-6	86.5	87:5	87.9	89.5	87.5	867	82
#	12	-	_	625	_	-	_	-	_	78-0	74:3	741	73·9 73·8		7410		77.8		84-5	87.2	86'8			89-1	88-3	81 81
2	14	88.2	85'3	830	820	81.1	803	78-4	77 %	76'0	754	74:8	74-2	73 5	73 4	731	77:1	81.2	845	87:3	88.5	89 0	69-3	89:0	857	81
5	15			81.7				78-2 78-0	77.1	75-7	74-8	73-6	72%	72.0	71:4	711	75-0	80.4	84-8	86-6	88-1 87.5	89.3	88-9	88-8	89-9	50 51
KARCH	17		8519		81:4	79-7	78-6	77:3	78.0	74.6	73.3	720	71.5	70 9	70-5	701	75-8	80-1	843	85'9	86.5	87.4	87:9	87.5	867	79
×	19	_	_	_	-	_	-	-	-	78-0	74.5	74-4	74-3	74:3	73:6	741	78:1	82.4	84-2	85'3	865	867	67:5	87-8	86%	80
	20	N6 2	83-9	81·5 83·0	80-2	799 891	78 2	75·1	74-9	73-8 80-6	728	72'0	71:4	70.5	69/9 77-6	714	763 813	81-6	84-8	86'0	87 0	88 0	88:0	67:3	87.2	79 A3
	22	87.0	848	62.9	82-3	81-9	81.6	81.4	81.1	81.0	79.8	758	77:5	76:4	76-1	76.	1 80-3	K3-4	65:8	67:8	500 (1	89:5	900-0	90-3	89.5	83
	23 24	87-7	86-0	842	83:0	H2-8	81.8	81-4	80%	80-3	79:3	78 5	78-0	77.4	76.3	77 1	80-8 79-8	54-3	87-0	89 4 89 8	903	907	91-8	91.0	904	83 83
	522	88-7	86:4	83-9	83-2	84.8	83.3	61-1	80.3	78-7	76.8	$\rightarrow$	-		-	<b>Desire</b>	_	_	88.7	-	90.5	-	-	89.7	-	63
	27	87-6	85:5	83:3	82-4	81.7	80-3	79 0	77:5	77-3	70:5	75/8	75.6	75-4	748	75.1	79-8	84-1	87.2	69.0	80.7	9018	913	90'9	8914	82
	28	88-6	860	840	53:0	82.7	82.4	623	B±0	80-7	HU-3	80.1	79:5	78-6	77-9	791	82.4	664	89.4	91.5	91 6	920	91:5	91:5	89.7	84
	30	187:0	85-8	818	84.5	84-9	83.9	83-9	80-2	80:4	80.5	80-7	76.7	76:6	76-4	761	79-H 3 H2*8	814	HR 4	BAB	89.5	90%	903	90-0	N9-2	83
	-	-		-			-			_	_	_	_		_	-	-	-		-	-	-	-	_	-	
Mess	na.	87:3	-830	82-9	821	814	807	79.9	79-0	781		76-4		75-1	74-6	75	788	82-7	85.7	87-6	89-0	89-4	89-6	59-3	88 5	82
											•		٠													
	1 2	-		-	$\rightarrow$	$\rightarrow$	-	-	_	81-3	823	R2:0	81:7	81:3	80-7	81:	84-1	863	67:D	910	90:8	90-6	91.0	90-5	901	85
	3					84-9				81.5	80.7	79-5	79-5	79.9		79-	4 827	861	91:3	913	92-4	91-8	91.8		903	80 80
	- 5	91.1	88:5	83-9	85-0	84.9	15318	83-5	83:1	82.5	81.9	81.3	80-1	79-9	76:3	79-	8 841	87.2	90:5	93.3	92-2	93-6	93.4	93-0	92:5	86
	8					84-3		83-2 83-6	821	82.4	81-9	81.7	81-0	80-3 80-5	79-1 80-0	814	84-7	88-1	91:5	94:5	94-3	954	93-4	92:5	923	86 88
	6	91-1	887	86.2	85.5	85.1	84'6	843			-	-	_	-	-	-	_	-	-	-	_	-	-	-	-	-
	10			86:8		85-6	85:9	85-1	64:8	84.9	83.7	83.7	63:4	N1-8	834	83.	861 7 861	\$80-F	94 1	95-9	95:4	93-7	95.5	94:5	94'0	85 85
	11	923	89-5	87:0	86:0	85-8	85:3	84:9	84-2	84.5	84:4	84:1	64.4	84-3	844	85:	89-0	9011	92.5	94.5	95/3	94.9	95 %	94.3	93.6	86 85
2	13	91.3	68.8	80.8	85-9	85-6	89.1	84.5	8414	841	83.7	831	82-8	525	89-1	844	87.8	89-5	93.0	95.4	94 4	84:0	93-7	93-9	92 8	87
PRIL 1854	14		88.7		88-5	85:3	82.8	NS 8	85-7	85.7	_	_	-	_	-	_	87-4	_	-	-	-	_	-	-	-	88
E.	18	90:0	88.0	90:1	_	83-8	85-1	-	-	84:5	84-8	84-1	84.2	83.8	83-5	851	86:9	89-1	91.5	93-5	94.1	94:3	943	93-6	914	56 86
4	16	928	89 9	87.9	87:1	868	86:3	83.7	85-8	85-1	H4:7	84'4	84.8	84:0	83.7	840	88-6	01.8	93-5	94:1	0.1:4	94.7	94-9	94.5	923	88
	19			87·1	86-2 87-1	85-7	85-9	81-6	84-6	84:3	83-8	833	83-0	826	825	841	87-4	901	926	947	9418	957	95-4	95-5	943	86 88
	31			85-7 90-6								841	84.2	83-8	83-3	84	67.5	91 3	96-3	19.5	101-0	1007	106-8	1018	105 6	90
	23	-	$\overline{}$	-	_	88.8	_	-	_	85-4	85.8	85:0	84.4	53-5	83-5	850	90:0	905-6	97-6	100.9	291	1960	les e	101.0	99-2	92
	24	96.5	92.8	897	88-7	88-3	87:4	897	88 4	85-6	85:3	85:1	84-0	840	83-1	85.5	88-H	903-6	97:3	97.7	97.7	96%	97.5	97.8	95-6	90
	26	91:5	N9:0	86.7	882	85-7	85-6	80.6	84.7	84:1	83:7	80:4	82.7	820	821	841	87.5	91-2	95 2	94%	94.6	948	94.5	94.6	94.5	Ry
	27	90-4	90-7	85.8	85-4	85-8	80.4	84-8	84-7	84.3	83.6	KHI.	82-5	51:9	81.4	841	87-4	89-7	92-1	02:4	923	90:0	93.3	93.0	920	87
	20	92-0	88-6	86:4	85-4	849	84.6	844	840	83-0	_	_	-	83-0		-	_	_	_	_	-	-	_	_	- 1	87

The numbers in these Columns are not observed; but esterpolized for the take of obtaining the dody. Meens.

Gotta	2772	Noon		2	3	4	5	8	7	_	9	10	11	12	13	14	15	18	17	18	19	90	21	99	23	
Meen	Trees.	7.8		-	h, m. 7.41	h m.	h. m.	h m. 10 H	) 11.41		b. m 13.61	-		-	1 m.	-		h m.		h m	22	h m.	h m	h m.		Sally as Neathly Neath
Mean	Time.	6.41	141	4.41	7.41	9-41	9.41	10.41	31,41	16.41	13,41	14,61	15 41	1041	17-41	18 41	19.44	99.41	\$1.41	24.41	13,41	0.44	1.41	141	3.61	
			0	0	0	0	0	0	٥	0	*	0	*	٥	0	0	۰		0	0	0	0	0	0	0	0
	1 2	81.7	88.9	86-9	86.3	85.7	85.3	84.0	84.5	84.4	83.8	83:2	82.4	82.8	827	850	67:4	89°3	91'4	91.5	923	92.1	92.5	92.2	91-6	87
	3	92.4	90.8	87.3	86-0	861	85.5	85 1	647	84 4	84-2	83-2	82:3	827	81.5	85:3	88.7	87-6 91-2	91.8	193:3	94:0	941	94-0	940	93'5	86
	5 8			87·4 87·8	88'4 87'1	85°6 88°5	85·5 85·9	85·0 85·5	85-3	84 6	_	828	_	_	_	200	-	90-5	_	-	-	-	-	_	-	87
	7 8		90-0		86.4		85'5	85:4			847	84.0	84'0	83.5	83.3	85.4	88:0	91.6	93.7	94.2	95:0	95-0	96:1	94.8	94.5	88
	9	93-0	91-2	67:7 87:6	87:0 86:7	864	86.0	85.4	84'9	84'8	85.0	85-0	84'5	83.8	83 4 83 4	85'8	88.7 89 L	91·6 81·7	94.9	94:5	94:4	913	95'0	94.8	945	89
	11	93-1	91-0	87:8	869	88-0	86:0	85.5	85'2	54'6	63:8	83.0	823	81.5	812	N510	1973	90-6	924	93:3	91.3	947	949	95.5	95-0	88
100	13	93:1	917	88.3	87.2	86'4	85.8	85.4	848	64.3	_	83:5	-		-	-	_	92.4	-	-	96-0	-	95:7	_	94 5	69
-	15	925	90.1	87.8	869	86.4	86'0	85.5	85'0	64.8	K3:9	6310	82.5	REO.	81.9	85'N	69/3	921)	91.8	Seption	95.5	95-7	93.5	95:3	94-0	88
MAY	17	93.5	82.3	88.5	87:4	86.2	H6 1	85:8	84.8	83.8	83.0	82.5	81.8	81:0	801	85/2	89.2	91.8	93.9	95-0	95:3	94'8	9510	95:1	94:3	88
	18 19	93.7	91.8	88.0	87:3	86.0	861	85:5	85:5	85-2	847	81.3	83.8	83.0	82.6	86.0	89-7	93:4	96.1	97.9	96.3	97.7	97:5	97.5	97:3	90
	20 21	100	_	-	88.8	_	-	86.8	1988	-	847	83.3	62.9	825	817	85-3	89-8	92-5	95.0	97:1	97-2	96-5	98-8	97.6	97:7	90
	22	94-0	92.7	89-7	887	683	88.2	8811	87.9	87:3	86:8	86'4	851	85.8	83/3	17'0	90.9	94.7	98.5	100 E	301 4	165-2	95°0	98:7	953	91
	24	96:3	94:3	907	89-5	89°3 89°0	M910	877	87'4 87'8	87 5	86'8	86.5	85°8 65°8	857	857	88'N	92.8	95·7 84·0	99'2				99°8	992	99-3	92
	26	98-0	94:0	93.9	93-8	93.0	<b>SKHS</b>	89.6	89/1	87:8	869	86.0	82.3	54:5	84-8	H7:3	91.5	94.9	97-2	99-9	192 4			2009		94
	28	-	_	_	-	-	_	100	-	_	80-2	89-7	89'8	89 9	89-2	90.9	93:9	96-6	909	1024	1084	1077	1074	109 2		95
	30	94 8	Ser1	BS-6	BYE	65.5	89:1	NN'S	BN:3	5510	HN14	889	8910	89:1	BHB	91:9	95.5	98-0	100.2	300.0	104.9	109-4	109 O	102-6	100-7	94
Me	-	-	-	-						_	-			-	_			92.8			-	_	_		-	90
3500	DIS.					07.0		000	50 1	320	-		-		-			-	-	300					000	-
	1	941	90'6	89 6	89-7	89-7	897	90-5	89:4	88.8	88-2	87-7	87.8	87-8	88.5	89-0	92.5	968	969	101 9	105-6	106'6	106'8	100-5	100-0	93
	3	98-9	96'8	90-8	90-4	80.6	90-0	90-0	89:7	89-0	-	-	-	_	-	_	-	97-8	-	_	_	_	100 2	-	-	94
	5	93'0	91.1	91:4	90'5	900	58:0	87:4	87:0	87:4	87:0	86%	86.6	86.5	88:4	89-7	92.4	97-5	96.3	97:5	105 9 100 1	\$01.6	101.8	1640	90.8	94 92
	6 7	1037	94:5	90-3	89.5	89.4	88.6	87:4	870	866	86:5	86:5	869	87.5	87.2	88'3	91.5	94.8	97:0	99'5	1017	And a	Mille	99.6	99:5	91
	8	93.6	91.0	88-6	87:5	87.5	87°5 84°0	87.6	87'4 84'0	84.3	84.8	848	847	84'5	84-2	86.3	90'5	92'4	94°2 89°5	96.1	97:7	100%	89.7 97.5	96.3	24.7	90°
	10	96 0	91.8	89-2	87:7	84.8	83.9	82-1	81.8	81.8	_	_	_	-	_	_	_	93.7	$\rightarrow$	-	100.0	-	99-1	1007	99'8	90
4	12	1011	90'3	86.3	8514	84.8	83'8	83.4	83.7	83:5	6310	82.5	823	820	88.0	83:7	89:3	92.3	93'8	545-5	96-7	tene	1027	101-0	304:3 105:2	90
3	14	100-0	97:7	91.3	88.3	88.7	66.5	881	88-5	88'4	86.4	88-5	87.7	86'9	86.5	89'5	92.1	93'8	95.9	96-0	100-4	100.2	100 0	1015	9612	93
UNE 1834	16	94-0	92'0	90'4	89 8 87 1	89.7	87:2	86.8	863	863	860	85-8	85-7	85.2	85-3	85'3	92-0	84.0	95-2	97-1	99-3	100 9	30016			91
5	18	-	_	-	-	_	_	-	-	-	85-6	85'4	87.0	84.6	84-6	87.2	89-8	91.8	93:7	97'0	99-5	100-1	99 5	96'0	93-2	90
	70.5	94.3	910	89-9	87.9	86.0	86:4	861	80.0	80.5	861	85.8	86.2	86.2	86.3	89/3	923	84.5	99'8	97-5	99 3	let-p	163 4	1015	97.5	91
	21 22	961	83-1	90.2	89-7	89:3	86-4	8812	85.0	88:0	87.7	87:5	871	86.7	85:5	88 5	92.2	95.5	97.8	98.8	101.8	104.0	98'6	99.0	950	91 92
	23 24				85°9 87°4			87°2			-	_	_	-	-	-	-	92.5	_	-	-	_	947		-	90
	25	N9-5	923	86:4	84.9	H4-2	83.6	83:7	82.9	88.5	81:7	81.5	78-9	81:5	818	83.0	88:4	85-6	91.7	941	95.4	96:4	983	97:8	9518	86
	27	944	94:0	88 5 88 7	80.5	84'5 87'2	52°2 57°0	82-0	82-6	84 6	829	82·9 84·0	828 83:2	828	825	85'4	87'4	91.5	91.8	94 4	97:1	98-9	97:0	97-5	95 6	58 59
	29	94:5	91.9	893	863	87.8	67:6	87:3	862	817	841	83.5	6314	63.3	833	83.8	84'8	83:8	88 6	91.6	84*0	94.8	95:1	94-0	923	88 88

<sup>\*</sup> The numbers in these Columns are not observed , but interpolated for the sole of obtaining the daily. Meson.

Tablesign Coogle

Gettin Meun	gra	Noon	. 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	90	91	92	93	_
Mode Mode	_	P. M. h, m.	h. m.	h m.	h m.	h m	12	h, m. 19. sl	h =	h m	h n.	h m	A.m.	h m	b n.	h. m.	b. m.	h m	h m	b ==	3. m	h.n.	h.m	h.m.	h n.	Dully n Month Means
Heta i		-		-	,,,,,	-	-			_	-	-		_	-	-			-	-			4.0		-	
		0	0	0	0	0	0	0	•	0	0	0	0	0	۰	0	0	0	0	0	۰	۰	۰		۰	0
	1 9	928	90/8	88'4	86.8	80-6	86'0	86.4	8610	853	55.7	55:5	852	85:0	54.6	85.5	87:9	887	887	55:5	80-9	91:3	917	92:5		÷- BS
	3	91.7	887	86.8	90.3	86.0	85 6	84.5	8319	80%	81:1	51%	81-3	81-0	8139	A22	54.6	NO.5	67:5	2012	21.5	93-2	94:5	940	00-10	80
	5	8K-0	907	9074	HH &	92.4	879	87%	861	N1 6	814	550	81.1	N0'9	810	54.9	87.9	90'8	910	91.0	94.9	\$877 BH-5	987 100-0	96:5	96-6	86
	6	83.0	907	8×7	87.6	869	87.2	865	826	83:5	840	845	835	82.5	820	83:5	871	89°5	913	92 K	94.2	966	99.0	96.6	96-9	80
	7	93.5	9070	84.4	87 S	87.1	HE'S	802	855	849 869	82.3	81-6	81.9	81.4	81-6	82.6	8910	90-6	924	82.6	963	93.3	95-7	96-3	94:5	88
	9	l —	_	_	_	_	_	_	_	_	85-5	844	63:3	62-2	68.8	809	6110	81-6	62.4	83:5	85/8	87:5	888	902	89.0	66
	10	88'3	869	85.4	84.6	84.5	8410	83:7	837	83.2	814	7974	791	788	7910	79·7	81.5	818	88'8	91-8	93 2	94.6	833	103	8810	15 56
	12	97-0	94.2	910	901-4	89:4	8619	87.4	870	861	8510	5410	83'8	8315	833	83.2	8510	87.2	89.9	913	95.7	967	96 5	93.7	927	59
ž	13			891				8419				132	62.8	82-5 W1-0	823	825	834	84·6 83·0	NB 5	89.8	914	917	93 2	85.7		84
	15			8019							_	_	_	_	_	_	_	_	_	_	_	_	-	_	-	-
OLY	16 17	-	_	87.2	_	_	_	843	_	_	80'8	80°4 88°6	800	79 6	79.6	19-6	81-8	849	8810	90'8	93-2	9610	96'0	98-1	960	84
Ħ	16	93.9	90:5	89.5	88-9	87.8	67:4	RG H	85'8	849	841	6410	83.7	K3:4	6310	827	84-1	86-5	901	92-5	953	96-H	98:3	545-ff	95/3	86
	19																						99%			86
	21	923	91.7	92·1 87·2	866	85.7	85.7	852	84.4	8410	8410	84 0	83 1	82-3	193.3	821	841	80.2	85.1	945	93.2	95'8	97.7	961		91
	22	94:4	93 5	90.4	87.6	866	86.4	8610	85.2	853	_	_	_	-	_	_	_	_	_	_	_	_	_	-	-	-
	24	866	88:3	87-2	K5:8	83-9	84.6	84:2	540	812	61'6	81.4	80%	80.3	83%	821	541	67-6	89°8	93'6	82.6	96:3	97:3	927	97-N	87
	25	963	94.5	921	2016	90310	887	87'0	870	8719	ACC.	98:3	860	K3 6	83.5	157	1671	58.5	91.8	942	95.2	900	96 6	97:5	96:2	90
	26	986	90-5	93-3	916	9016	8914	89°0	88.6	88'6	87.9	87-1	866	860 81-9	10.1	851	881	913	94-5	963	97-8	99'6	98.7	960	96-2	96
	28	93-5	91.0	869	N6 6	86'6	86'6	861	H5:7	851	842	837	83-5	83 2	831	861	887	901	92-3	95-1	977	99-3	99-0	948	94.9	N
	20	91-0	89-7	88-1	87.8	8616	86-8	86-1	86.2	82.6	-	=	-	=	-	-	-		924	-	-	-	97:7	-	-	4.0
	31	98 2	94:7	59-6	843	793	80.8	813	819	823	82.6	821	827	826	93.4	183	88	87-5	891	91-2	926	9410	951	954	97.7	87
Mes	ms.	929	9016	883	80.7	659	861	8510	844	84-9	83-8	831	8310	884	681	1 831	85%	874	901	92-5	93.8	95:2	962	955	947	61
_		1	_	_	_			_					_	_	_	_	_			_			_			
											•		•													
	1	96.7	9319	85-2	80°6	86.6	86.1	86.6	86.98	87.0	86-9	851	85-0	84-5	831	841	861	901	925	924	96.5	961	97.9	99-2 1 101 1	100-0	90
	3	93.8	91-6	89'0	863	82.6	82.6	83.6	844	8410	83.5	831	829	828	62:4	831	87%	1993	91 €	92%	94:2	951	99:1	992	90.3	81
	4 5		8819	87.3	8016	84-6	84-0	83%	83-0	82.8	82.8	828	82-5	82.1	61:3	83-1	86	86-3	90.3	924	93-7	261	98.2	84.5	929	6
	6	-	-	_	_	_	-	_	_	-	84:3	83-5	82-3	81-5	80-3	8016	831	8710	901	92-1	942	962	97.4	97-5	94:3	66
	7 5	920	90-5	86.5	84.9	84-1	85-0	85.7	85-9	84.5	831	81-5	81.6	81-6	81.1	61.1	611	845	87-8	90:2	931	95.2	97-1	97.6	97.8	67
	9	92.1	89:7	880	87-2	86:2	86-0	65'8	85:7	78-4	79-0	504	61-1	81.5	8114	REC	1841	67.8	9010	926	942	94.5	963	844	91-3	67
	10			82-1				79-6						781									92.7			83
ź	12			84-1							_	_	_	_	_	_	_	_	-	_	_	_	_	_	_	-
18	13	91:3	-	86-6	85:7	83-6	-	-	-	=	79-6	79-6	79-6	79-6	79-5	80-5	836	87.5	68:4	90-1	92-2	93-1	94-1	947	95-8	8
18	15	99.7	89/0	86-6	861	85-6	85.3	846	84.6	8410	1 63:9	624	62.2	620	K1-5	63-2	563	67:7	90.5	92.4	93:1	93 6	53-1	931	92 p	81
DOUST	16	92-1	91.0	87:5	86:6	85'6	853	849	84.5	84-5	84.9	64%	828	81.2	808	81-9	85'3	879	BN-3	20.3	92.5	943	93.8	95.6	93.7	67
5	17 18	93:3	91.1	87.7	86:3	84.5	82.6	82.2	816	81-9	826	80.5	80°4	800	79%	807	841	96.8	80.8	91.5	10.6	93.0	94'5	91.8	90'3	87
_	19	88.2	87.2	82.2	80.8	81-0	80-6	60.6	80-9	807	_	_	-	_	_	-	_	_	_	_	_	_	940	_	-1	-
	20	92%	91-1	87%	50 W	65.0	65-6	84.7	84-4	544	841	83.6	83.7	81-3	834	83°5 63°0	828	81.9	81-1	826	85:6	87 8	90:5	92-5	93 o	80
	22	93.7	93:3	8814	866	R\$-6	8410	849	84:3	840	83:7	83.6	83-3	830	82.0	826	58.7	83.2	824	837	882	91-1	91:3	93.5	85.48	86
	23	91.3	89-5	96.6	86.7	52-4	81.6	82-1	BIT-5	NP-5	NP6	81-0	50°2	804	29.9	81-1	831	55 G	Skint	91-3	93.6	96'6	943	941	999	60
	25	91.1	90-3	86.5	84.2	83.7	83:4	83.2	827	82.6	821							81.7					92-3			88
	26 97	83-0	90.7	87-7	86-6	85-6	85-9	84.7	83-6	84-0	-	-	-	-	-	-	-	E9-5	91:1	-	0479	900	936	99-0	F05	87
	28	90-1	88-2	87:1	86:4	85-4	85-3	84-3	846	84-5	83.3	H9-1	61-6	8119	50.9	52.0	F5.1	87.8	167.4	91.7	95'0	95:1	93.6	928	91%	87
	20	89.8	88-2	86.6	85-9	85-6	85.5	85-6	85.4	84-9	84-1	100	83-9	628	80.5	80'8	SON	80-5	81.2	8310	85.9	8810	891	69:3	SPRE	83
	30	94-5	90/3	84-9	86-6 85-5	85 ft	864	82.6	85-2	834	834	824	82-1	81-6	801	78°6	83.7	8510	87'8	B1-1	93:3	96-9	92.7	94-0	83-7	84

Gottes Mess 7	AJFB VOME	Noon	. 1	2	3	4	5	6	7	- 8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	
Mean	rus Di Miles	P. M.	k m. 3 61	1.44	b. m. 0. sl	5 m 63 41	h m 22 41	h n	h, m, 19, 41	h m. 10 41	h m 16 4	h m 17.41	h m 10 a)	h. m 11, 61	h.m. 11-61	b. m 18. 41	h. m. 12.41	h m. 11.41	b m 10.41	5. III 9. 41	h m.	h m 7, 41	5. M. 6 61	h m. 5 41	h, m, 4, 41	Deily as Month Means
		0	0	0	0	0	0	۰	0	0	*	0	0	0	0	0	0	0	0	0	0	0	0	۰	0	0
	1 0	91.6	903	88:0	87-4	866	861	85.6	85:0	85 6 84-9	84.8	84-2	83.6	83.0	62-6	53.8	87:7	90-2	91-0	93-2	913	95/7	94-1	94'0	9410	88
	3	91:0	99:0	86.9	HE-2	85.5	65.4	65-9	83:2	-	8311	82°6	N2 2	81.7	81.8	82°0 76 0	85:3	87:3 89:5	89-2 84-6	91:1	92.7		93.5	94.5	93.2	87 84
	5			87/3 78/6			63.6	837	83.5			78'3	623			82.6		87:2	89.6	897	91'0	929	93.5	94 5 87 9	89 N	86 81
	7		847	81.8	79'0	790	793	79:5	79.0	796	79:5	79 4	7972	79'0	78.6	78.0	787		N3 5		88.0	863	BH-4	9013	913	82
	9	89.2	83.4		818	814		81.1		807	_	78.6	-	78'4	-	_	77'5		_	_	100		85.4	_	82.1	81
4	10			865				833			81.9	80'0	50.8	79°3 80°0		80.7	550	84:3 87:1	86.8 88.6	8919	91.8	93 4	92·3	94.4	91%	83 86
25	12	91.3	85-5	85°6	85°3	842	83°7 84°0	83°5 84°0			820	813	80°8	81-6	79-8	814	83'6	86°2 87°4					91.1			86 86
EB	14	88.5	867	853		8414	84°0 84°0		53.5	830	823			80·8 78·9				87:4	83-3	90°4 56'8	916	910	94.5 88.6	92.6	91.6	846 83
SEPTEMBER	16	86.3	H4-5		79-3	79-5	80.1	81'1	807	80.5	_	-	_	_	-	-		568	-	_	_	-	93:0	-	99-1	-
E	17	900	874	857	85.1	846	84.2	836	83'2	62:5	841	H1:7	81.3	7916	20.2 80.2		84.4	87:0	88.7	900	91'5	93.1	93.9	93 7	92%	84 86
8	19	91.0	887	864		N4:6	83.6	83.3	8349	82:5	820	81 6	81.3	79·5 80·9	79'9 80'5	79°9 81°0	83:5	86.2	8N 7	90:5	920	9319		94.0	92.8	86
	21	91.5	883	89.5 87.5	85.8 86.6	84.8	H28	81:7	81°5 83°7	81 G	81.1	NF7		81-5	81.2	82.4 82.4	83-8 84-6		883	91:3	92°5	93°6 90°8	94.8	950	914	86 86
	23	91.2			861	85-6	85.0	84.6	840	83.0		-	82-1	-	814	_	85-6	8810	-	91'4	-	93-1	93:9	953	917	87
	25	89-1	86.8		848	848			84-6		H2-0	N2'6	82.3	820	521)	830	864	88.4	90'6	93'0	943	94.8	95'0	85.5	91%	87
	27	88.8	87.1	854	851	846	840	N3:7		83.6	83.0	H\$ 0	82.4	81·7 82·2	88-1 81-6	BE'G	80°2 84 8	87.2	90.5	93.5	929	93 6	91.8	192 4	9072	86 86
	29	90.5	86'S 87 4	85.4	827	85·0 82·5	848 820	84.3	N#0 825	H3-8	61.8	795	59'4 79'1	786	813 783	81°7 79°7	63°5	867	88.8	89.4	923	93.5	91.0	83.0	923 897	86
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Mena	15.	89-5	67-3	85'3	843	143-9	83'4	83:1	82°H	825	51'8	81:1	8018	99-5	80-2	81·b	83:3	85%	87 9	89-6	91.0	92-1	925	92.4	91-3	85
ptembe	r 30	88.7	86.3	85.2	84.6	841	839	83-8	83-2	77-5	•	_	•	_	_	_	_	_	_	_	_	_	_	_	_	_
	1 0	88.2	86:3	547	84:3	8410	83·R	53.9	87.8	8210	79·2	78:7 81:3	78-2	77:7 80:6	77.5	76'0 80'4	61.6	84'4	86'S		90:4		91.7 94.0			84 85
	3		87.0	807	819	84.2	63.2	526	818	811	80°1	79:8	787	77.5	77-6 77-9	780		81.9	83.6	87.5	89'3	85'5	93:0	828	837	82
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2	13	87.5	857	84%	844	83.7	83.2	831	63:0	82.7 82.5	821 814	81.5	81.1	80.7	80 3 78 8	820 804		84.4		87.9	88 5 90 6	89°0	89'4	887	87 8 88 8	84
25	14	87-6	86-6		84.1	83.6	840	83.6	83'5	83.0	-	_	_	-		-		_	***	BEP 8	_	89-0		_	-	_
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OCTOBER 1854	17 18	H1:3	803	89°3 79°5	79°8	79:5 78:4	79·3		78·5 77·0	76.4	78 ft 76 ft		77:3	7710			79'5	81·9 76·7		828	83°0 78°0		61·1 79·6			79
•	19	80-4	79:4	78.6	791	78:0	77.7	77.2	768	780	75'6	75:3	76-0	74.7	74:7	757	77:5	80°2 75°6	82°3 75°6	83 0 77 1	84°2 78°9	84-0	823 813		82-9 80-3	78
	21	800	79-7	79-6	79-3	78-6	762	77.6	768	77.5	77:3	_	_	76:5	764	76 6	-	8016	_	83-6	84.5	85'5	85.6	_	817	79
	23	83.1	81.8	81.0	79-6	785	77-8 79-4	77'4 78'8		76.5	76:1	75%	76.8	75 4	75.4	76.7	78-5	61.3	84.5	85/8	86 0	86.2	870	86.6	864	80
	24 25	853	837	82.6	80 B	80'0	800	79-9	79.9	75.0	79-1	77.5	76-2	78:1	77.4	77·7	815	826 840	85.8	866	87:4 87:4	87:5	88'4	87:3	867	81
	26	84 2	82.9		81.9	815	81.3	80'6	81'0 80 \$	80.4	769 79-7	78-5			78°3 75°8	78-7 74-6		83.6 76.4		85°5 79°5	862	86.8	864		844	82 80
	28	825	_	-	79-9	_	_	79.6	-	76-5	79:4	79-0	78.6	78:3	784	78-1	78-5	79-4	80%	52:0	83.0	85:4	85'5	84.5	840	80
	30	Long	60-0	61.7	4114	63.4	61:1	6111	61.0	80.0	20.0	200.0	700	70.0	70.0	70.0	01.0	ED-0	00.4		67.5	4716	87.7	600	40.4	82

\* The manners in thest columns are not observed, but interpolated for the sake of obtaining the delty Means.

										DRY	THE	RMO	MET	ER (S	TAN	DARI	3}.									
Getting Sens Tr	ra me.	Noon	. 1	2	3	4	5	6	7	В	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily an Monthly
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	5 6 7 8 9	84°5 63°1 84°2 83°5	82:5 82:0 82:3 82:0	81·1 80·0 81·5 81·4 80·9	79:4 81:4 81:2	78°6 61°1 81°3	79:9 78:4 81:0 81:0 79:1	80°4 80°8	79% 80%	79°0 77°8 78°6 80°0 78°0	76'9 78'6 80'0	75:1 76:5 76:6 78:6 80:0 76:5	76°6 78°1 79°6	76 5 77 5 79 2	76-5 77 0	776	77-6 80-6 79-2 78-5 81-6 77-5	81'8 79'6	82:7 83:2 83:8 62:6 83:7 82:3	861	87.3 85.3	99.5 87.7 85.3 85.1	864	87.4 87.0 87.0 85.7 84.3 81.8	85 8	78 82 80 61 81 79
ADER 1854.	11 12 30 14 15 16	81.8	81:6 81:0 80:5 80:6	80°6 80°0 79°7	79 6 80 3	78·0 79·4 80·0 80·0	77°0 78°6 79°0 78°7	76-6 77-6 79-0 79-0 79-4	78°0 77°0 79°2 78°8 78°0	76'6 78'4 78'4 78'4	77:2 76:3 77:8 78:3 77:9	77.0 760 77.2 76.2 77.4 75.0	76-9 76-9 76-7 76-7	76 4 76 4 76 5 77 1	76 4 76 2 76 6 77 0 75 4	766 764 77-2 78-0 75-3 74-2	763 768 79-5 80-4 77-3	79-9 79-3 83-0 83-0	82 9 83 6 79 4 81 6 80 2	80.3	85-6 79-6 85-6 82-7 84-0 82-9	83°5 83°7 83°3 84°5	84·6 85·8 83·6	85:0 83:9 83:9 83:3 83:2 83:3	83-6 83-6 83-6 83-7	79 79 80 80 79 78
NOVEMBER	18 19 20 21 22 23 24	81 0 79 2 79 9 80 7 77 2 77 2	78 0 78 7 78 7 78 8 77 8 77 1	789 768 785 789 783 769	78·8 76·6 78·4 78·2 78·5 76·5	763 763 78-2 79-4 78-5 76-6	78-0 77-6 78-0 79-5 77-6 76-6	78°0 78°0 78°0 79°5 76°5 76°5	77-7 78:3 77-7 78:5 78:5 78:5	76.6 78.5 77.6 79.3 75.0 76.4	73·1 78·3 77·3 79·2 76·0	73 9 78 2 76 8 79 1 77 9	72 9 77 9 76 1 79 1 77 3	728 77:5	78'8 77'5 76'0 79'0	73°0 77°7 77°8 70°4 77°7	73 5 79 2 79 6 79 8 78 8	75-6 61-2 61-5 80-5	78-7 82-3 81-9 81-4	78-0 52-4 82-7 81-0	807 83:0 83:2 78:0 83:1	61°2 83°1 82°6 77°0 82°5	53:3 52:2 52:6 75:6 81:6	77-7 82-0 81-7 76-3	78:8 81:3 61:6 76:3 77:5	77 78 70 70 78 78
	25 26 27 25 29 30 31	50 7 78-8 81-7	amo	79-6 79-6 77-2 79-2 79-4	76:7	76 6 78 9	78-5 77-6 76-0 78-8 77-8	76°0 78 6	760	76-0	73-2	74'5	74 9 74 6 76 3	75-0 74-7 75-5	7514	75-0 74-5 76-3	79%	80 3 78 7 78 9 81 4 79 7	81·7 78·4 80·6 83·1 81·3	827 818 827 827 826	83-5 79-9 83-3 83-8 63-9	8110 8315 8312	63.2	825 825	82 1	79 77 78 79 76
Mean	ıń.	61:5	80 3	70 5	79-2	79 0	76-6	763	77-9	77-5	77-8	77-0	76-7	76:4	76-3	76-8	76-6	50-7	82-8	83.1	53:7	84.2	841	83-1	62.3	79
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DECEMBER 1984.	11 12 13 14 15 16	80°4 79°4 76°9 78°3	78-7 77-9 77-2 77-0	78:4 76:6 76:1 75:7	75.3	77-6 76-5 75-4 74-7	77:3 76:4 74:7 74:3	76-0 73-5 73-5	77-7 75-9 73-0	76°7 74°7 78°7	76 6 74 9 71 6 71 9	76 5 73 3 70 5 71 7	75·4 72·8 70·1 71·6	71:2 72:3 69:8 71:4	72-6 69-6 71-4	73·1 73·6 69·9 71·7	73-7 71-9 73-8	79:0 76:1 74:8 76:2	80°1 76°8 77°5	81°0 80°3 78°5 80°0	81°3 80°8 79°7 80°2	80°0 80°6	61 0 61 4 79 3 81 1	80°2 79°4 80°3	80°3 80°3 78°8 80°8	79 78 76 74 75
DECE	17 18 19 20 21 22 93	78°4 78°4 79°1	77-9 76-6 77-9 75-5	76°3 75°0 76°0 75°5	75°6 76°4 75°0	74-7 75-3 77-0	7719	723 748 768	71-9 74-4 76-2	743	71°3 72°4 75°0	70.6	70°1 70°1 74°6	69-4 69-6 74-6	70°3 69°3 73°6	71·0 69·8 71·5 69·3 73·2 75·0	71-6 73-3 71-2 73-3	76.4	76-6 78-9 77-6	79'9	80:7 81:4 70:9 77:7 80:7	80°5 80°3 80°4	80°5 76°0	80°5 80°3 79°7	50°7 80°0 79°7 80°0 75°5 70°6	75 74 75 75 75 75
	24 25 26 27 28 29	75 9 79 0 79 5 79 3	74·5 78·1 77·9	74°3 77°5 77°2 77°2	75:0 77:2 76:9 77:1	747 77-6 76-6 78-9	75°0 77°4 76°8 76°7	74°5 77°4 76°6 76°5	74·3 77·3 76·2	74°2 77°2 76°0 75°0	76-6 75-1 75-2	77-2 75-3 78-9 74-2 76-5 76-1	75·7 75·8 73·9 75·1	76-0 75-3 73-3 74-7	7818 7510 7817	722	76.7 77.3 73.4 74.7	80°0 76°7 78°5 75°7 74°8 78°6	78'4 71'8	80°9 80°2 80°0 79°7 74°6 80°6	79·2 81·3 80·9 80·2 75·7	81-2 61-1 761	80°7 78°3	8073 7875 8076 8073 7974 8072		77 76 78 76 76 76

<sup>\*</sup> The sunform in these solomes are not observed; but interpolated for the nate of obtaining the daily Meson.

79'1 76'0 77'0 76'7 76'3 76'3 76'8 75'6 75'1 74'6 74'2 73'9 73'3 73'2 73'4 75'1 76'9 79'0 80'2 80'8 80'9 81'1 80'6 79'9

WET	THEDMOMETER	/STANDADD	No al

- Menn Ti	itne.	Noo	n. I	8	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily a
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ecember	31 1 2 3 4	0 71·1 - 70·3 69·4 67·7	69:7 68:4 67:2	68·6 69·2 68·1 67·2	69·1 69·2 67·5 67·2	67.2	66.7 68.9 67.2 66.0	68·2 67·5	66·2 67·5 67·9 64·9	66.0	67:7 65:9 64:6 64:2	67·2 65·4 63·2 64·2	66·7 64·9 63·1 64·0	66·1 64·3 62·9 63·7	66:2 64:7 62:7 63:5	66°2 65°4 62°9 63°5	68:2 66:7 65:2 65:4	0 70.4 69.5 67.7 67.2	0 70.7 69.4 67.9 69.2		0 70·9 68·8 68·1 69·2	70°6 69°2 67°8 70°0	70°1 69°6 68°0 69°4	69.8		68:5 67:9 66:5 66:6
7.	5 6 7 8 9 10 11 12	68·2 70·0 70·9 — 75·2 76·4 72·0	67·6 69·6 70·2 75·2 75·6 71·9 70·2		66.5 69.3 69.5 75.5 74.7 70.8 70.0	65.6	65·3 68·4 69·8 75·4 75·0 69·9 70·0	64·2 67·7 69·3 75·4 75·2 69·2 69·9	75:4 75:5 69:0 69:7	64·5 66·9 67·5 75·1 74·2 68·6 69·9	64°3 66°3 72°2 73°6 68°0 68°2	61·2 65·8 71·9 75·3 73·1 67·4 66·6	63·6 65·3 71·6 75·2 72·7 67·6 66·8	63·0 64·7 71·2 75·0 72·2 67·7 67·0	62:7 65:0 70:9 74:4 71:6 67:2 66:2	62·5 65·4 70·8 75·0 71·7 67·0 66·2	63.9 66.5 72.0 75.9 73.2 69.1 67.4	73·2 76·9 73·7 69·6 69·4	68-8 69-4 75-4 77-7 73-7 71-6 70-9	68.7	70°0 71°2 76°0 78°0	71·7 77·0 77·4	70·7 71·7 76·7 77·4	70·8 71·2 76·2 77·2 73·0 70·7 70·2	71-0 71-2 76-7 72-4 71-0 70-2	66:4 68:4 72:2 76:0 73:9 69:8
JANUARY 1854	13 14 15 16 17 18 19 20	72·2 72·2 71·6 69·2	69°4 69°5 72°2 71°9 71°7 71°7 68°5	68°8 69°2 71°3 71°6 71°7 71°2 68°1	68·7 69·2 71·4 71·5 71·7 70·8 67·9 68·2	68:4 69:1 71:5 71:3 71:0 70:8 67:3	68-2 69-4 71-7 71-4 71-2 70-2 66-7 68-8	68°2 69°0 71°0 71°7 70°5 70°0 67°2	68:2 68:4 71:1 71:5 69:4 69:0 66:4	68:0 69:7 70:2 69:0 69:1 67:2	69·2 69·5 70·1		69·2 69·3 69·1 68·4	68.7	68:4 68:4 68:4 67:4 64:8 66:6	67:2 68:7 68:2 68:2 65:0	69°3 70°0 69°6 70°0 66°7	71·2 72·2	70·2 71·4 72·8 71·9 72·1 68·2 67·4	70.5		70.7 73.5 73.0 73.0 72.0 70.2 68.8	70°1 73°3 73°2 72°4 71°5 70°0 69°2	70·0 73·7 72·8 72·7 71·7 60·7 68·7	70·0 73·2 72·8 72·4 71·2 70·1 68·4	68°8 
	22 23 24 25 26 27 28	71.2 69.7 71.0 69.8 70.2	68·2 70·3 68·8 70·2 69·2 70·0 69·2	68·7 68·2 69·5 68·1 69·4 68·4	68:3 68:2 69:3 68:2 69:3		68·0 68·1	67:5 68:4 68:2 67:4	68:4 67:3 67:3 66:7 66:7	67.2	69:9 67:3 66:8 66:6 65:5 65:8	70°2 67°4 66°2 66°2 66°0 65°1	70°5 67°6 65°6 65°6 65°0 65°0	65.2	68 2 66:4 66:0 65:4 64:7 64:2	67:4 66:9 64:4 65:3 64:9 64:2	66°0 67°2 68°4	68:2 68:3 67:7 69:2 68:7 69:0	69.7 69.0 69.7 70.2 68.2 70.2	70°2 68°7 71°4 69°4 68°3 69°3	70°8 71°2 70°9 70°9 70°2 69°5	71.2 69.7 70.6 70.6 70.0 70.1	70·7 70·9 70·4 71·0 70·6 70·4 70·0	71 3 70 2 71 1 70 9 70 5 70 2	71:9 69:7 71:0 70:3 70:2 70:2	69:3 68:7 68:1 68:6 67:7 68:0
Means	30	70'2			69:7	69.4	68.6	67.2		65·4 65·4	65-0	64.7	65·3 65·0	65.2	_	_	_			69°4 71°2		70°2 72°2	-	71.0	70·5 72·7	67-9 68-5
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Means.	77-4	77:1	76-7	765	76-4	761	75-8	76-2	747	74:1	73 6	73-1	728	781	72-6	75-0	76.7	7619	77-2	77-6	77-6	77-8	77.6	77-5	75-7
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	3	80°6	804 77:1	794 770	79-9	797	79-1	79-2	79·3	792 703	783 756	7812 7512	77-6	747	77.9	78.2	78:2	77.9	787	7H7 7H9	78°2 78°7	78-2 78-9	7N-2 7N-7	7×5	78:5	78·7 77·1
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-4	14	82.8	81.6	50'8	804	804	- 8014	502	802	5012	79·6 79·7	79 ± 79 ±		784	78-9	NPS	807 806	8110		81/2	K1:2	820 823	819 816		81·8 83·1	80·1 80·7
3	18		824	81:5	802	S116 7919	N#5	802 793	802	801g 701g	80°1	NH			784	RHZ	803	8012	79:5 61:4	NOS	817	RI-I	815	K29	H2-6	897 891
IAY 1654	18	N29	H22 H25		80°1	80°1 79°4		8073 7973	NF2	79:0	7×6		783	784			804	810			50.6	799		79-7	79.5	800
7	20)	801	102	628	832			818	813	81-2	786	785	_	_	780	501	814	806	803	890	F3:1	53:3	_	_	-	81-2
	83		79-2	79-5 83-2	801	801	895 832	806	5072 839	NF2	802 829	892		795	792		818	801	80-4	79:0 NH4		84:2 82.7	839 839		844	809
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2	13		78-3 81-2	81-0		81:4	807	8014	79·6	769 802	781	761	751	744	73-5	744	77-4	76-1	77.3	77.2	77 1	783	77.0	77.1	81:	78
ONE INS	15 18	8120	803 809	802	80°L	800		1923	807 807	807	709 803	75°	742	183	782	77-1	769	50-6	79 7	77.6	77-5	77 1 80 1	28-2		81:	
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	23		80-3	81°0					799	591 791	_	_	_	_	_	_	_	_	28.7	_	_	-	_	_	5 80	1 -
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	29	62-1	823	H20	789	50%	795	797	783	783	77	77	2 77 9	77	774	791	813	815	79-4	79.5	79.5	784	PEAN S	NO:	7 81	66 79
	20			804						777	781	78:	3 78	771	20	774	771	79:5	78.6	763	79°5	NO 9	81-0	814	NA U	9 75 9 75

<sup>\*</sup> The numbers to these Columns are not observed; but interpolated for the sole of obtaining the daily Meson.

WET THERMOMETER STANDARD No. 1	

lettingen enn Time.	Noon.	. 1	2	3	-1	5	6	7	8	9	10	11	12			-	16	17	18	19	20	21	22	23	Paily and Monthly
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1 2 3 4 5 6 7	78·2 79·1 79·2 83·7	79°0 82°7	79·1 78·7 81·1	78·0 78·6 81·3 82·1	79°4 78°8 80°1 81°7	79-2 80-4 80-2 81-2	78:4 80:8 70:7 81:2	77:4 79:2	77.7 80.8 75.2 80.4	79.5 74.8 70.2	78·2 78·2 74·4 78·0	77°5 74°3	77.8 76.7 71.2 75.7	76-2 76-4 74-7 75-5	76:4 77:2 74:2 76:4	77:2 78:0 75:2 78:2	78·2 76·7 79·1	76.8 78.4 78.4	77.9 79.2 78.7 79.2	77·2 80·2 79·2	78-2 80-9 80-6 80-4	80.1	80-4		78:8 78:2 78:0 76:0 80:0 81:6
8 9 10 11 12 13 13 14 15 16 17	85:7 82:1 81:7 80:2 79:2 80:1	81·2 81·2 79·7 78·2	80°7 81°2 78°2 77°2 78°7	80:8 80:5 78:0 77:2 77:7	80-4 80-2 78-0 78-0	80°2 78°2 77°7 78°2 79°2	80°2 78°2 77°2 78°4 78°7	80°8 78°0 78°0 70°1 76°9 77°4 75°0	79:2 78:0 75:7 75:8	81:4 78:1 77:6 75:5 76:0	77·0 77·2 75·4 76·2	70·7 77·2 75·3	76:1 77:2 75:2 76:5	70-2 77-7 75-7 76-2	77·2 78·2 70·2 77·2	78°2 70°9 77°0 76°6	70°7 80°2 77°2 77°7		82·0 80·2 81·0	81·2 80·1 79·2	81-2 81-0 80-9 80-7	83·2 81·4 80·7	83·0 81·2 80·7	81·6 81·7 80·9 82·7	79·6 78·0 78·1
18 19 20 21 22	82°4 80°0 85°3	80°0 81°2 81°7 84°5	78·8 79·6 82·2 80.3	77·2 78·4 79·4 82·6	77.4 79.1 80.6 82.0 79.4	75·2 76·2 81·1 81·8 79·7	75·4 77·6 80·0 81·0 79·9	75-2 76-7 78-2 81-2 79-2	76·2 79·2 70·2	76·7 78·3 78·9 77·8	77:4 78:7 77:2	77-9 77-8 78-5 77-7	78·2 78·2	77-6 77-2 78-2 76-4	76·2 78·2 77·2 78·0	70-9 78-2 70-2 75-2	77·2 78·0 78·6 81·0 79·9	79·8 78·8 81·2 81·0	81·1 81·2	78·7 81 2 82·6 81 2 79 2	80-2 81-9 81-3 80-9	81·7 83·9 82·2	79:0 81:7 81:7 83:8 81:4	82:6 81:2 85:0 82:1	78·6 79·8 80·8 79·9
23 24 25 26 27 28 29 30	81:0 79:7 81:4 83:0 81:9	81·5 79·4 82·2 81·7 81·2	79:0 81:8 81:3 82:2	81·2 78·1 79·9 80·0 82·2	81:4 77:6 79:7 80:3 82:0	81·2 77·0 79·3 79·8 81·2	80-0 77-3 79-0 80-4 80-9	79-2 78-7 79-0 80-2 80-2	79·2 78·7 78·7 80·2 79·2	78°4 78°4 80°2 79°3	79-2	77.9 77.7 77.7 79.8 —	79-2 77-6 77-2 77-1 79-4	79:9 76:4 77:9 77:0 77:0	78-2 77-4 76-9 77-9 77-9	77:4 78:0 77:2 77:8 77:0 77:0	79·2 77·2 77·2	79·2 79·6 80·7 80·4 78·2 79·3	80-2 80-2 79-7	78·7 81·6 80·7 82·0 80·2 81·2	78·7 81·7 81·2 80·9 80·2	81:0 79:3 82:3 82:2 82:2	79:6 80:1 81:7 81:7 83:2	8013 81.5 83.1 83.1 83.1 83.1	79·7 79·8 79·0 79·7 80·1
31 Means.	-												-		-	78-5		78 7			80.4			_	1
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7 8 9 10 11 12 13	80°9 70°7 80°9	79·9 60·3 79·2 81·2 80·4	77:7 78:3 79:5	80:6 81:3 78:0 80:4 80:2	81:4 79:0 81:7 81:0	79°2 81°2 78°0 77°0 80°9	79-2 80-4 77-2 77-2 80-3	70°2 80°2 70°6 77°8 80°3	76·2 78·2 79·2	79°5 76°3 76°3 78°3	79:8 78:4 76:4 78:4 77:0	79·0 76·7 76·3 78·3	79-0 76-2 78-2	77% 79% 76%	77:9 79:5 76:7 78:4	77-2 80-3 78-2 78-7	80·1 79·2	77'0 80'5 80'3	77-9 81-2 81-4 79-2	78:0 81:0 81:4 80:4	80-2 80-5 81-8 80-0	81:2 81:3	80:7 81:9 82:8 81:0	81:0 83:1 83:1	79·2 80·1 78·8 79·2
11 15 16 17 18 19 20	81°0 81°2 81°2	80.3		80°3 80°1 81°7	79·9 80·6 79·9 77·7	80-9	80°6 81°1 80°1 77°1	80°4 80°4	78*9 80*2 80*2	78-6 79-7 79-2 76-1	77:4 79:0 79:2 78:2	77:3 78:8 77:8 77:8 77:8 75:0	77°2 78°5 76°4	77:4 78:9 76:9 76:0	76.9 79.8 77.2	78·2 80·6 78·7 78·2 77·6	78:4 80:1 79:2 79:0	78·6 80·0 79·4 79·1 78·3	79:1 80:4 78:3 81:2 78:7	79:7 79:2 80:9 80:3	51-0 79-2 79-8	81·6 80·7 81·2 81·5	81:4 80:5 81:9	81% 81% 80% 80%	80·1 79·7 79·5 78·5
21 22 23 24 25 26 27	81·1 81·2 80·7 82·4	80.7 80.7 82.9	82·4 81·4 80·9 81·3 78·4 81·2	81·1 80·2 81·1 77·2	80·6 76·4 77·9	81°0 76°0 77°5	80°0 75°5 77°4 76°8	80·7 75·6 77·6	76:2 77:2 78:2	80°6 80°2 76°0 76°7 77°7	80°2 80°2 75°8 70°2 77°2	50°6 79°8 76°1 76°3	79-4 79-4 76-3 76-2	78:4 77:4 77:4	78-2 78-5 77-9 78-0	78:6 78:2 70:2 70:2 76:3	75:4 78:7 80:7 80:0	75·6 77·3 80·5 81·7 75·9	76·7 77·9 79·4 80·0 77·8	78:0 78:2 80:4 80:2 79:4	80°2 77°6 82°2 80°9	81:3 79:0 78:2 82:7 81:2	81:3 80:2 80:6	5075 807 83°1 82°7	80·1 79·7 78·5 79·3 78·5
28 29 30	84'2	83.0	82·0 82·1	81.6	79.9	79°6 81°4 80°0	81·2 79·4	81.2	81·2 79·3	78.4 80-6 78-7	77:0 80:0 78:2	77:3 79:6 78:1	7740 7942 7840	77:2	78·1 78·3 74·6	79-2 77-9 70-2	80·2 70·4 70·1	81°0 78°2 78°2	81·3 78·4 78·7	83·7 79·2 80·2	81·2 80·0 81·9	83-5 84-6 83-2	83°9 81°0 83°5	84-4	80:5 80:3 79:6

<sup>6</sup> The numbers in these Columns are not observed ; but interpolated for the asks of obtaining the daily Means,

# WET THERMOMETER (STANDARD No. 8.)

Gottingen Mean Time,	Noon.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Saily and Honthly	
Madras Mean Time.	P. M. b. m. 6.41	h. m. 5,41	h. m. 6.61	h. m. 7.61	b. ps. 8-41	h. m. 9,41	h. m. 10.41	h.m. 11,41	h. m. 12.43	h. m. 13,41	h.m. 16,61	h m. 15.41	h m. 16.41	h m. 17.41	h. m. 15.41	h.m. 19.41	h.m. 20,41	h. m. 21.41	h. m. 22.41	h, m. ‡3.41	h m. 0.41		h.m. 2,41	h m. 3.41	Means	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	۰	0	0	0	0	0	0	0	0	0	1
1	81.2	61.8	81.7	81.5	81·0 81·2	81·4 81·4	81·0 81·3	80·0 81·2	81·2 81·2	80-3	79-4	79.6	79.7	79-2	79-7	79.4	80.2	80.0	79-2	79.8	81.0	81.1	81-4	52·0	80.5	ŀ
3	_	82.2	-	_	-	80.4	_	80.2	_	79·7 77·4			78-2 73-7	77·9 74·7	79·0 78·0	80·2 77·2	79.0	78·2 79·7	80-9	79·4 81·1	80-6 80-0		79·7 81·4	80.8 81.5	80·1 79·0	l
5	82.0	81.9	81.2	81.1	80.2	80.4	80.4	80-2	80.0		80°2 76°2	80·1 76·2	80·0 76·2	80·0 78·7	80°8 77°0	81.0	80.0	81.2 78.4			81·7 79·2		82.4	81.0	80·8 77·7	1
6 7 8	80.2	79.5		75·3 77·9		78.2	76.6	76·9 76·3	76·5 76·7	76·3 76·4	76·2		75·7 76·2	75·2 75·7	74.6 75.2	75.3	76·4 76·4	78·2 77·2	78·2 78·2		78·7 78·2	78.6 78.4	79·7 77·5	79·2 77·4	77-2 77-2	
9		77.4	77.8	77:8	77-2	77.2	-	_	76.6	76:4	76.2		75-7	75.2	75.2	77.2	78:2	79-2			80-2	80.9	81.1	81.2	77:9	l
# 11 2 12	82.0	82.0	81·5 80·5	81.0	80.5	79.5	79.8	80·7 79·3		79·7 78·9	79·2 78·2	78·2 78·2	78.2	77·2 77·7	78.2	79·0 77·4	79.0	79.2	80-2	79:4	79·7 78·7	80.0	80·9	81.6 81.6	79·8 79·6	1
- 12	01.0	814)	81.1	81.2	80·4 80·8	80.5	79.3	79.2	78·5 78·2	78·7 78·3	78.4	78.2	78.0	77.4		79.2	78.2	79.0	77·7 79·2	79.9		80.3	81.0	80.9	78·9 79·4	l
14 15 16 17 18 19	81.3	81.2	81.5	79·7 76·4	80·7	81.4	81.2	80·7 78·9	80.4	78.6	76.8	76.4	-	-	_	_	-	79.6	_	78.6	78.4	79.9	80.6	80.2	79.3	Ì
17	81.9	_	81:7	81.6	81.2		80.5				79.7	77.7		75.7	77.2		81.4	81.5	82·2 81·2	79.6	80.0	80.7	83·4 81·2	82·2 81·4	79·7 80·2	ļ
S 19	81.0	78.7		81.2	81.1	79.4	79.4	79·6 79·4	78-2	78·1 77·7	77·0 77·2	76·5 76·7	76.2			78.2		80.3	78.7		80·9 79·3		82·5 80·6	82.0	79·3 79·1	
21 22	81.2	81.5	80.3	80.2	77-9 79-9	80.3	79.2	75·9 78·9	76·0 78·4	78·5 77·9	77·1 77·4	77°3		75·2	79·2 75·2	79·9 74·8	80-7 75-7	80°0		78·7 78·4	80·0 79·0	78·4 76·9	79·8 78·0	78·9 78·2	78·6	
23	78.4	79.0	78.9	78.1	78.2	78.7	_	-	_	76-4	75.7	75.0	74.2	74.2	75-4	77.0	78.2	79.0	80.1			77:1	78.2	79:5	77.7	ì
25 26	78:2	78·9 80·2	78·8 79·6	79·2 79·6	79.9	80.0	80.5	78·9 80·0	79.4	78·5 79·1	78.9	77.8 78.6	78.2	78.2	79.2	79.7	79-9	800	79°3	81.8	82.0	82.4	79·9 82·2	80-2	80-1	l
27 28	81.4	80-4	80.6	80.8	80·4 79·2	80·1 79·7	80.2	80.5	79.9	79.5	79.2	79·2 78·8	78:4	78.2	77:5	78.3	79.0	81.0	81.5	81.4	80-0	82·7 80·9	81.7	81.9	799	ŀ
29	81.1	81.0	78.2	78-2	79-2	79-7	8(r0	80.3	81.2	79-2	77-2	77-2	77-2	76.8	77'4	79.0	79-2	80-4	81.2	82-0	83.2	82-0	81.8	82-2	79-8	1
Means.	80.6	80.5	79.8	79-0	379-4	79.5	79-3	79-2	79-0	78:3	77.8	77-4	77.0	76.8	77:3	78-1	78-8	3 79-4	79-8	79-8	80-0	80-2	80-7	80.8	79-1	Ì
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eptember 30.	1-	_	_	_	80-2	-	_	_	75-9	76.9	76.7	76.5	76·2		75.8			80-9					83.0	82-3	79.6	
2 3	81.5		80-4	80°0 79°8	79.6		79.4	78-7	78.2	78.9	75.7	75.5		75.4	75'5	787		79-9	80-4	81.4	79-7	78-2	78·7	791	76·5 78·7	ч
5	80.2	79.5	79-6	79-7	79.2	79.4	79.5	80.0	79.4	79.0	78.7	78.0	78.2	77.5	78'5	79.5	79.	79.5	79-2	80'2	80-5	79-2	80.4	80.8		
6 7	80.5	79·2									_	_	_	-	_	_	79.1	_		81.9	_	_	82.9	_	1 -	-
8	83.1									78€		78.7		78-	78-7	79-5	79	80	81.9	81.2	821	82.9	82.7	811		2
, 10 11	81.5		80.0	79-9	79.0	79.7	79.8		79.5		77:3	77.8		78.9	78.	78.6	79.9	80.8	81.9	81.9	81.7	81.7	81.2	80*	79.8	8
12 13 14 15 16 17 18 18 18 18	80.7	79.7	79'0		79%	79.2	78.8	78.€	3 78.3	78.1	77-7	77-6	77.9	77-0		79-1	801	80 0	81.5	81.9	81:				793	
HH 14	80.5	_	_	_	_	_	_	_	_	76.5	76.4	76.6	3 76°7 2 76°	775	784	9 79·9 8 77·	79			80.7						
01 16 17	79.8	77.9	77.1		2 77:5	77.9	77.3	77.3	3 771	76"	76.4	767	3 76-5	76.	3 77"	0 77'	7 78	2 77	4 78 9	3 78'5	78.	4 77%	1 76.8	77.	77.5	2
19		781	75.6	75	2 75	74.5	2 74 0	73:	8 74	1 73	8 73.9	73	1 729	72.	1 72	7 73	3 74	9 76	0 76	2 77.8	3 78	7 77-1	77.0	77.	75	1
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	801	791	0 78	7 78	1 78		3 78%	1 78	2 78	4 77	8 77.5	2 77· 4 78·	2 77	2 76	5 78	0 79	4 80	2 80	2 80	4 80°	7 80	2 80-	5 79	80	1 78	9
25	79	78	4 77° 2 77°	9 77	6 77	4 77	1 77"	2 77-	0 76	4 76	7 77			2 75	ō 73	2 74	7 74	7 74	6 75	6 77						
25 26 27		\$ 77	9 78	_	-	_	_	_	_	78	4 784	0 77· 2 76·	6 77	2 77 2 76	0 77 2 76	0 77°	2 78 2 78	0 78		4 79						
25 26 27 28 29	78																									
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\* The numbers in these Columns are not observed; but interpolated for the sake of obtaining the daily Means,

Gottingen Mean Time-																									
	Noon	. 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily an
Madras dean Time,	P. M. h.m. 4 41	h. ro. 5. 41	h. m. 6-41	h, m, 7, 41	b. m. 5.41	b. m. 9. 41	h. m. 10 4t	h m. tt. 4t	h, m. 12, 41	h m, t3, 41	h.m. 14-41	h. m. 15, 41	h. m 16-41	h m. 17. 41	h. m. 18. 41	h. m. 19, 41	h, m. 20. 41	h. m. 21. 41	h. m. 22. 41	h. m. 23, 41	h-m 0. 41	h m. 1. st	h. m. 2. si	h. m 3, 4t	Monthly Means.
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1 2 3 4	78·9	78.5 76.8	77'9 76'7	77.5 76.9	77-2 77-0	77.2	77·0 76·4	77·0	76·8 76·9	76.5	76.2	76.2	76.2	760	77.0	78-1	78.2	79.2	79.3		78.2	78.0	79.2	80·1 77·9 75·4	78·2 77·6 77·2
5 6 7	769	77.0	76.5	76-2	76.3	76.4	74·4 76·4 75·2	76.4	76.7	76.6	73.3	76.5	76.4	763	77.2	78.2	79.4	80.0	80.8	81.2	807		789	76·6 78·0 78·2	74·5 77·7 76·5
8 9 10	77°5 78°2 74°5	77 2 76 2 75 0	76·5 75·2 74·4	77-2 75-4 74-7	77:9 75:2 74:4	75·1 74·4	78·2 75·2 74·3	77°9 75°5 73°9	76°9 75°7 74°2	77'0 74'9	77'2 74'8	76'8 74'3	76·4 74·4	75'4 74'3	76°2	76.7 75.2	78'0 74'9	78·4 74·1	77.4 73.4	78.6 75.2	78.0 74.5	78.2	78·4 73·9	78·7 74·2 75·2	77:4 74:9 74:6
5 13 11 14	77-9	_	75·7 76·4	_	75.8	76.0	75·6 76·0	74.5	74.2	74.5		74.9	74.8	75.0	75.2	75.7	77.4	79.8		76.4		78.5	78·2 77·8	77:3 77:7 77:8	76·7 76·3 76·7
NOVEMBER 12 18 18 18 18 19 50	76'8 77'2 73'5	77.0 76.2 73.2	76·4 76·2 72·3	763 759 724	76.8 75.8 72.2	75°7 75°2	76°2 75°2 72°0	75·7 75·2 72·1	75·7 75·2 72·2	75.5 74.8	75·4 74·5	75·3	75.2	75·2 73·7	75·9 73·4	76·3 75·0	76.4	75·7 76·3	76.2	77 4 76 2	78·7	77'4 74'6	78.3	77·6 73·9 74·7	76·4 75·2 72·8
	75-9	75:4	72:2	74.5	74.5	74.6	72·1 75·2	75-2	74.6			73.1	72.4	72-9	73.4	75.2	72·4 74·2	74.4	74·7 74·2	76·2 75·2	75.0	74.2	75·1 73·7	75·4 72·9	73·1 74·3
21 22 23 24	72·3 75·2				73·3 75·7	73°3	70·4 73·2 75·2 75·2	73·2 75·0	73·4 74·2	73·3 74·3	73·2 74·4	74'3		73·4 75·2	74·2 75·7	75·1 76·2	75·0 77·4	75.7	75·4 77·7	75·2 77·7		75.4	73·7 76 7	71-9 74-2 75-4 77-2	71·9 73·8 75·9 76·1
25 26 27	76.6	76-2		76.2	76.6		76.4	76.3	76.2	74.6	74.4	74·2 73·6	73.9	74.0	75:0 74:0	75.4	77:0	76·4 75·2	77:2	77.2	77:5	77:1	77 0	76·4 75·6	76·0 75·0
28 29 30	75.4	75·7 76·2	75-4 76-0 74-2	76.0	75-9	75.5	74·4 75·2 72·7	75-0	75.5	74-9	72·7 74·6	73·3 74·4	74.2	74.2	747	760	76.4	78.4	77.2	78.0	76.9	77-0 76-2 74-1	77·2 75·9 74·2	77-2 75-2 74-4	75·3 75·8 73·6
Means.	76-0	75.8	75'3	75:3	75.2	75.0	75.0	74-9	74.8	74.6	74.5	74.4	74.2	74.1	74.6	75.6	76.2	76-8	76-9	77.0	77:1	76.7	76:4	76-1	75.5
	Π				4					*		*													
1 2			74·1 74·6		73·9 73·9	73·9 74·4	73·8 74·3		73·7 73·7	-	_	_	_	_	_	-	_	_	-	-	_	-	75.2	_	73-9
3 4 5		76·6 74·4		73.0		73.2					73.4		73.6	73.6	74'2	75.9		77.0	78'4	77.7		75.7	77.2 75.2 74.3	74.4	
6 7 8		73·5 72·7	73·2 72·5 73·0	73·2 72·6 73·0	73°2 72°0 73°0	73·0 72·0 72·4	73·0 71·8 72·4	72·5 71·6 72·1	72·7 71·5 71·7	72.2	72·4 71·2	72.3	72.2	72·2 71·2	72°6	73.6	74.7	74.6	74.7	73·9 74·7	74.0	73°5	73·2 73·7		73.2
10 11	75.2	74.7	_	73.2	-	-	73.2	-	74.0		73·3 73·2		72-2	72.4	73.6	75.0	73·2	74.2	76.2	76.0	76:3	74·6			
7 12 12 13	72.2	723	72·3 69·4	72.2	71·9 69·4	71'2 69'4		71.6	73·2	72·9 69·7	72.7 69.5	72.5 69.4	72·2	72·0	72.8	72.2	72·7 73·2	73.2	73.2	71.7	71.0	71.7	71·7 72 0	71.4	72.2

72.8 72.7 72.1 72.0 71.9 71.8 71.7 71.6 71.8 71.4 71.2 71.1 70.9 70.8 71.1 72.1 72.8 73.3 73.8 73.7 73.4 73.2 72.8 72.7 \* The numbers in these columns are not observed ; but interpolated for the sake of obtaining the daily Means-

68'9 68'2 67'5 66'7 65'7 66'7 69'2 70'2 69'5 69'6 70'9 71'2 70'2 69'8 70'0

22

23 24

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31

Means.

70.8

73.9 73.1 0.2 Added 0

73.3

69.7

72.2

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œ.

DESIGNATION OF THE ARE AND TENSION OF THE ATMOSPHERIC VAPOUR.

Greenge Mean Tam		Noon.	1	2	3	4	ь	6	7	8	9	10	11	12	13	14	15	16	17	18	19	90	21	22	23	Park and
Medican Mess Da		) 16. 3 m. 1 5, 41	6.41	4 41	r. ol b	u. h	n h	(a) (	in i	7. 48	i,Te i	. 91 11	. 7. /	- ns. 1	7. 41 1	1. m 1. 41	19.44	h.m. 1 00, 41 2		h m I	374	h m 0, 63	h m Lui	h m. E, 61	3, 61 2000	Means.
1853 ecember	31	071	0.73	0.73	0.80	0:64	0-87	0:58	0-90	0:95	*	0.90	091	0.016	093	0.91 	0:91	0.53	970	0.66	0 00	0.61	0.61	0.63	- 0.00	0.803
	2 3	-68 -63	-69 -67	-72 -69	74	73	'80 '78	81 63	184	-59	'89 '91	190	91 91	91	93	91	90	75	·64 ·68	·63	-60	-61 -56	153	·62	160	.767
	5 6	-62 -61	-64 -65 -69	.69 .65	74 49	77 70 71	76	77 69 70	-540 -76 -78	-54 -75 -92	*84 *78	-85 -81 -87	-87 -87 -87	-89 -92 -86	59 50 86	99 91 52	183 178	-75 -73 -74	68	-65 -59 -67	161 163	-60 -63	-66 -60	-63 -65	65	745 723 734
	7 8	-67	-70	.73	-73	74	-75	75	-81	-77	84	-93	21	-94	-24	-93	-93	-87	-81	-76	78	-75	-70	-63	93	-618
±	10	95	-96	-96	-97 -87	-96	-96	-96 -96	-96 -97	-91 -92	-93 -50	43	95	92	91	.92 .95	-93	-57 -50	%5 76	-95 -74	:83 .74	74	-81 -71 -63	·83	-83 -72	8-45
THE AL	11 12 13	-78 -69	76	-75 -72	-74 -76	-75 -78	·73	-72 -77 -70	74	-76 -10	91	-67 -NS	-89	.93	90	-94 -94 -90	-91 -86 -87	-77 -77	-77 -73	-69 -65	166 163	-67 -66 -63	-62 -64 -63	-62 -63	-63	777 777 731
RY I	14	-64	-GS	-70	·70	70	78	-77	·73	46	-68	-88	-89	-89	-91	-04	-90	.82	.74	-71	-69	-70	-69	71	71	.79
	16	73	75	-77	-60	-81 -80	94	-85 -81	·66	-91	91	-91	-94	-97 -95	95	-96	-92	·87	.77 .71	-63 -63	-66	-68	-69 -66	-64	-66 -66	792
HUMIDITY	18	*65	73	-76 -72	-79 -72	71	-73	74	189 -72	177	-91 -81	·91	-91 -87	-61	-91	-91	-140	-50 -71 -67	-74 -60 -58	-66 -61 -90	-63 -60	-60 -63 -36	-60 -55	-62 -69	415 626	7H- 733
H	20 21 22	-61	.62	-67 -08	-67	-65 -71	72	70	·64 ·70	-67 -69	-66	-65	-01	-63 -52	-68	-75	-	-61	30	61	-61	-64	-60	-63	-60	-60
	23 24	168	-69 -63	-65	-67 -69	-67 -70	-67 -74	189	·68	-66 -73	-68 -79	-71 -86	-72	-73 -93	-76	150	- 82	-64 -74	-63 -69	158	-67 -61	-63	-63	-63	-67	73
	25 26	165	-71 -67	-73 -67	'73 '69	-73	77	71	-86	190	196	193	-91 -88	9.5 845	-91 -69	-93 -91 -92	-246	-78 -76 -78	-71 -63 -70	-64 -64	-69 -62 -63	-63 -61	-61 -63	-64 -65 -01	-64 -63	77 74 78
	27 28 20	.62	-00	-73 -68	76	72	73	58 74	*83	·90	-90 -85	-90 -86	91	-93	93	-91	_	-	-64	-60	-59	-	-60	-58	-61	-73
	30	·63	-67 -70	73	76	·73	·74 ·63	·78	84	-53 -59	90	-86	191	190	91	-91	165		·60	-69	70		-66	-66 -67	-65 -67	75
Mount	١.	*680	707	-724	711	758	-770	785	-619	1834	15-19	'868	*664	*894	:599	908	8 -800	769	-696	-000	-650	613	-614	-653	-664	-76
1553		In.	In.	In.	In	In.	In.	In.	In.	In.	În,	In.	În.	In.	In.	In.	In.	In.	In.	In.	În.	-	În.	In.	In	L
lecember.	31 1 2	-624	-614	7511	-619	704	-632	618	_	_	1593	0°635	0.614	1569	1578	-501	1 1813	*619	1590	593	1563	-576	.001	-593	607	0-66 -06
	3	596	511	565	·571	566	*563	1611	551	15-29	1574	2547	544	1541 1553	·536 ·549	549	1.566	-581	1569	595	-57	1 599	573	577	-547	151
gd	5	1555	611	-0:0	616	535 591	1535	1517	592			585	575	1564	-537	-535 -566			·613	1023					+635 +635	-64
VAPOU	7 8	635	_	-620	623	·627	637	-634	-636	-593	-664	735	727	719	-713	707		749	·785	791	79				-818 -926	-74 -5:
A.	10	1816 1819	1501	44.17	631 784	824 794	·897	\$27 820	'825 '831	*807 *787	765	'822 '750	·818	*813 *738	790	.731	1 765	743	739	'732	74	727	707	697	-683 -631	7
EBIC	11	616	-631	-667 -626	1655 1645	653	633	*614 *645	617	611	1615	1619	-616		624 614 621	161:	-617	4033	633	-627 -618	.61	102	-61	807	-610 -601	60
ATMOSPHEBIC	13	1598	-6×5	-806	614	390 614	1537	1557	1596 1629	1634	-	·C18	-620	_	1621	-635	-	_	1023	_	_	_		-	-	-6
310	15	-696	-691	-673		693		-603	-697	-677	·674	666	673		1639	-G07	675	723	·716	-675	67	1 1688	16843	1082	4800	-6
TIE ATM	17	600	1670	1549	1099	1083	16%5 16%5	1097	1095	167.9	4015	686	618	619	*630		1676	1693	16%	1869	165	3 1030	621	-634	1622	.6
TIE	19	611	671	*657 *576	1571	5552	-633 -540	1641 1558	*610		-600 -550	593	1583		673	*591	1 *590 0 *590		*510						-619	-6
9	21 93	330		\$50	579	335	-003	.999	*5±0	-360	-616	_	-061	-	-635	-623	616	-663	580							-6
NO	23	1644	626	-574 -576	579	579	-572	·578	384	1550	-563	574	-584		-570	1600	69	1 1569	-816	'G48	1550	3 '399	160	431	1637	-5
TENSION	21	4530	631	-620	1618	'619 '516	-629	-636	1615	-618	-610	1603	1900	1594		1291	1 '606	*630	-635				3 1523 4 1623		1611	-6
F	28 27	1691 1620	626	1623	*624	.253	-631	.631	1613	1603	.595	1000			503				625							-0
	28	-612	-596	463	516	593	-	-600	_	-598	393	-595	-596		393				-570	1506				1506		1 3
	30	583	-630	619	1590	-597 -618	-604 -632	·613		583		-576 -575	-579 -579			-571			-646							-6

HUMIDITY OF THE AIR AND TENSION OF THE ATMOSPHERIC VAPOUR.												
	I'D	TAPOU	PHIRDIC	ATMOSPI	THE	OF	TENSION	AND	AID	TITE	OF	HIMIDITY

		. 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Pally and Monthly
Madras Mesa Ilian,	1. M. h. m. 4. 41	b.m. 6.61	h. m. 6. 41	b m. 7. sl	h. m. 8. 41	h. 10. 9. 61	b m. 10,47	h. m 11. 61	h. m. 12 41	h m. 13 41	h. m. 10. 11	h m. 18. st	h. m. 16. 41	h. m. 17. 41	h. m. 16. 41	h. m. 10. sl	h.m. 20.41	h 26, 21, 41	b.m. 22.41	h. m. 23, 41	b. m. 0. 41	h m 1,41	h. m. 2.41	5. ts. 3. 41	Means.
HUMIDITY OF THE AIR. PEBRUARY 1834. 66 12 12 19 19 11 11 10 6 8 4 2 9 9 9 1 10 10 10 10 10 10 10 10 10 10 10 10 1	0.70 -76 -78 -72 -72 -70 -70 -68 -67 -71 -88 -52 -73 -57 -66 -67 -67 -67 -68 -69 -63	0.75 -81 -81 -76 -73 -71 -70 -73 -73 -74 -68 -77 -78 -68 -77 -79 -70 -71 -70 -71 -70 -71 -71 -71 -71 -71 -71 -71 -71 -71 -71	**************************************	0.82 -87 -87 -83 	0.82 88 90 83 	0.80 -86 -91 -81 -79 -78 -78 -79 -78 -78 -79 -78 -65 -79 -65 -63 -63 -79 -78 -82 -82 -82 -82 -83 -83 -83 -83 -83 -83 -83 -83 -83 -83	0.866 891 85 - 80 79 79 82 81 - 79 83 79 58 86 - 65 65 66 84 86 88 81 - 87	0-91 92 93 93 88 82 83 83 83 83 83 83 85 85 86 87 86 86 87 86 86 87 86 86 86 86 86 86 86 86 86 86 86 86 86	0.95 -91 -91 -93 -83 -81 -82 -83 -83 -83 -83 -83 -83 -83 -83 -83 -83	0-93 91 91 89 85 86 86 84 83 86 86 87 80 86 86 86 86 86 86 86 86 86 86 86 86 86	0.91 91 90 87 88 86 92 83 71 72 72 89 80 87 91 90 90 90 90 90 90 90 90 90 90 90 90 90	* 0°92 93 92 91 89 90 90 90 92 92 93 92 92 93 99 90 90 90 90 90 90 90 90 90 90 90 90	0.92 95 93 	0°95 95 95 91 91 91 91 98 88 90 88 91 92 70 68 86 91 91 92 94 93 93	0 94 95 95 95 95 91 90 93 93 95 93 71 67 86 84 89 91 91 91 93 95 95 95 95 95 95 96 97 97 97 97 97 97 97 97 97 97 97 97 97	0 93 92 94 90 91 87 86 87 88 90 99 1 79 90 87 84 82 88 90 90 91 91 91 91 91 91 91 91 91 91 91 91 91	0.81 87 79 85 81 80 79 75 83 64 61 77 76 80 79 79 83 84 77 74 76 80 79 80 79 80 79 80 79 80 79 80 79 80 79 80 79 80 79 80 80 80 80 80 80 80 80 80 80 80 80 80	0.722 779 75 772 771 772 68 773 7726	0.67 65.68   69.65   68.65   6	0 62 59 7 1 67 65 66 66 4 61 1 62 58 53 7 58 63 1 63 65 67 66 1 67 55 50 67 68 1 67 55	0.52 57   66 68 65 64 8   68 63 70 8 6   68 25 55 67   64 65 55	0 62 70 65 64 66 64 65 61 -62 71 41 69 63 64 66 64 65 66 64 65 66 66 66 66 66 66 66 66 66 66 66 66	0 67 74 6	0.72 -75 -67 -68 -66 -66 -66 -66 -68 -68 -68 -68 -68	0:6024 -834 -840 -776 -776 -776 -776 -754 -774 -774 -776 -624 -770 -785 -776 -785 -776 -785 -776 -785 -776 -785 -776 -785 -785 -785 -785 -785 -785 -785 -785
Means,	-690	.731	.765	-774	.779	783	.797	.815	*819	.837	.859	.877	.892	.892	*896	*854	785	*688	636	·611	626	-631	-637	-658	-76
TENNON OF THE ATMOSPHERIC VAPOUR, PERBUARY 1854.	778 813 748 813 748 735 713 703 601 713 723 769 801 622 675 700 676 686 774	In. 0-691 -786 -805 -802 -734 -727 -697 -691 -794 -888 -631 -700 -673 -671 -700 -700 -700 -708	In. 0.673 7899 7789 7787 7787 7745 7707 7707 7707 7714 7714 7714 7714 7714	In. 6413 7877 800 764 713 701 713 701 680 774 892 774 981 775 683 675 683 683 683 683 6842	In. 6671 793 6812 7667 7750 698 7705 698 7705 542 558 684 684 687 687 683 683 683 683 683 683 683 683 683 683		In. 0-673 -762 -764 -768 -704 -703 -695 -671 -770 -6821 -7551 -680 -716 -694 -769 -782 -783	In.	In. 06234 7600 7760 7760 7763 — 7763 7704 6937 7706 6638 6655 7728 6558 6510 7766 6639 6655 — 76619 7653 7766 7753	7366 750 — 7111 6999 703 686 657 704 657 795 628 628 629 629 629 639 639 639 639 639 639 639 639 639 63	712 739 669 684 703 676 676 646 690 807 724 653 612 613 637 626 637 646 657 657 668 664 665 676 668 676 668 676 668 676 676 669 676 676 676 676 676 676 676		In, 0 6488 7.725 671 6655 6871 6877 6827 6827 6831 588 686 686 686 686 686 686 686 686 686	In. 0-598 7-714 0-598 6-625 -784 6-625 6-633 6-671 6-660 6-671 6-657 6-657 6-655 6-6	In, 6490 703 703 651 656 656 653 654 861 673 669 669 671 612 619 661 677 648 776 649 671 673 665 669 669 669 669 669 669 669	In. 0-448 7-744 7-773 7-705 7-719 6-82 7-719 6-82 7-785 6-689 6-74 8-34 8-34 8-35 6-689 6-702 6-725 6-881 7-725 6-881 7-755 7-713	In. 0-618 -800 -768 -7024 -724 -724 -724 -725 -756 -698 -738 -699 -731 -730 -730 -731 -730 -737		In. 0652 706 682 688 688 718 678 678 678 678 678 678 678 678 678 67	In.	In. 0441 7766 7763 7717 6975 6975 6975 6975 6975 6975 6975 697	-797 -748 -705 -685 -718 -697 -726 -689 -748 -639 -638 -638 -638 -638 -748 -639 -748 -748 -748 -748 -748 -748 -748 -748	In. 6744 820 701 701 701 707 698 707 698 725 715 543 608 631 715 649 689 757 758 607 764	In. 0773 814 719 719 697 712 695 704 725 695 666 664 694 762 786 686 684 786 786 786 786 786 786 786 786 786 786	In. 0:661 -753 -763 -763 -700 -700 -700 -700 -700 -700 -700 -70

\* The numbers in these columns are not observed; but interpolated for the take of obtaining the daily Mouns

						н	MID	ITY	OF T	HE A	AIR A	LND	TEN	BION	OF	THE	ATM	OSPE	ERI	C VA	POU	R.					
N.	ettin na T	ern land.	Noon	. 1	2	3	4	5	6	7	8	8	10	11	18	13	14	15	16	17	18	19	20	21	23	23	Da/Zu or
×	adra man T	ima.	4.41	h.m. 8,61	6.el	7.41	8, m, 8,61	5. m.	h, m	àn	15,41	13,41	1.3	h:0	14,0	17,70	h m 19,41	h m 10,41	b m. 20,41	h n n,a	h. w. 50,41	h. m. 25,45	S. m. O.el	b. m. 1.41	2.61	h m. 3-41	Delly at Menta Means
		1	071	077	0.61	0'84	0-87	0'88	0'85	0 88	0.89	0 91	0.94	0.83	0.98	26.0	0.92	0:91	0'82	0.62	0:49	0:40	0.48	0.48	0:47	0.50	0.76
		3	-86 -83 -71	66 63	70 77	73 79	177 183	'85 '84 '85	-87 -87	90	-91 -90 -91	90	91	92	98	101	-91 -90	'87 '87	78	·73	65	-52 -67	-59 -61	59	61	63	75
		6	-00	71	77	-79	77	79	-80	63	85	188	'85 '93	192	191 191	91	-95 -91	1907	77	66	·67	165 163	·64	64	64	60 64	78
,		8	'66 '72 '76	73 79 79	77	86	'61 '85 '85	189 189	92 92 89	-89 -93 -90	'89 '94 '91	94	.91 .93	192 194 193	93	'93 '91	-91 -89 -92	'89 '83 '87	79	'65 '69	61	'64 '60	-63 -63	66	69	*69 *71 *68	-76 -81
		10 11	71	73	79	79	78	76	183	75	163 164	'83	.83	'87	,80	.80	91	'87	78	'67	.61	.61	.63	62	67	-67	-77
1	854.	12 13 14	169	73	76	78	-83 -88	·85	-89	90	199	196 191	94	94	93	92	93 91	'85 '89 '83	78 79 76	168 169	61	64 50 61	764 759	64 61	65 57 61	-68 -63	75 78 78
	MARCH 1854	15 16	65	78	78	-61	-82 -83	180	187	167	188	190	92	.86	91	91	191	188	75	67	·55	62	57	58 43	758	180	76
	MAR	17 16 19	64	69	74	·75	·79	·82	'83 '79	61	-88	-92	97	84	84	85	-88	-76	-77	-66	38	56	·68	59	58	-58	-70
		20 21	71	'63 '76	79	·70	71	86	77	'80 '91	·61	·81	182	84	185	18	186 187	*75 -85	73	70	70	70	165	68	168	60	71 73
		92 23 24	71 '65 72	77 74 74	-80 -79 -80	182 180 181	84 82 82	'82 '84 '86	162 163 165	183 184 186	161 188 189	-85 -89 -90	90	90 91 92	'90 '91	91 91 98	-90 -90 -93	185 182 187	-82 79 80	·74 ·72 ·67	-68 -69 -66	166 163	'66 '68 '65	63 66 61	64	*65 *70 *66	78
		25 26	73	78	82	-52	-63	*86	'88	*88	91	-92	793	-94	94	93	91	-86	78	68	-67	62	65	65	60	-66	78
		27 28 29	71 73 78	75 76 76	79 80 79	*83 *83 *82	*84 *84 *83	185 185 182	*89 *87 *84	189 187 182	91 88 86	91 90 .88	191 193 191	91 93	91	91 91 91	-92 -91 -90	'84 '84	76 75	·68 ·69	'66 '66	66	66	65	66 67 64	70	180
		30	77	79	·82 ·78	-62 -80	·81 ·79	·79	68	1:00	·74 ·88	76	82 93	85	98	101	187 190	79	74 70 78	61	54	.59 64	-64	'51 '64	64	68 68	76
м	eass	l	-676	729	777	797	814	830	652	871	878	888	902	907	907	1903	903	-849	767	-676	-631	-619	-621	-61 2	617	641	-77
			In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	În,	In.	la.	In.	In.	In.	In.	In.	In
		2 3	-862	714	1806	1805	792	785	774	766	754	733	0 em	700	6 673 -646 -647	.683 .683	689	718	747 751	.776	61595 -757	656 760	730	678 707	550	0-618 '561	71
		4 5		765	750	710 753	·723 ·769	776	738	730	720 780	703	-667 -890	667	803	783	798	706	-823	774	763	794	727	763	726	710	70
		6	763	759	-800	776 616	753	759 817	761	761 835	770 825	755	741	784	707	6N7	1887 1786	852	768 842	744	732	749	737	764 868	783	·761	-75 -61
		8 9 10	-891	905 992 842	1907 1879 1850	911 674 834	919 888 833	915 884 837	920 871 837	907 967 830	899 864 514	872 850 801	1845 1835 1788	1828 1827 1784	-610 -818 -779	1816 1806 1757	'817 '824 '782	934 972 930	1882 1794	'834 '854 '730	'885 '888 '719	1810 1875 1733	981 747	*837 *833 *770	872 872 793	*888 *850 *775	-64
	_	11	757	759	746	732	733	748	756	741	763	735	706	706	704	703	719	707	783	761	741	800	804	1505	815	803	75
	28	13 14 15	772	792 808	.791	796 506	:811	*828	777	762	529 755 729	786	743	733 732 184	713 713	*718 *654	707 724 654	776 729	772 735	780 746 678	759 769 653	772 766 683	790 770 705	763 763	768 768 738	*801 *761	77
	MARCH	16 17	787	778 747 724	-773	792 777 742	797 782 750	779 797 735	774 781 784	749 772 723	745	710 741 710	718 737 718	724	675 710 642	703		726 731 647	766	742	720	·744 ·713	730	566 717	577	'721 '646 '70s	-71 -71 -70
	M	18	726	721	-732	741	746	709	739	741	761	718	-672	675	-677	672	694	730	688	1686	651	650	645	663	660	675	70
		20 21 22	814	679 823 834	663 629 633	675 833 853	670 838 971	1636 1630	1629 1855 1835	1625 1864 1825	1619 1900 1905	1610 1637 1905	1601 1855 1906	838 783	1890 1757	-809 -767	1800 1800 1769	847 820	743 862 856	-777 -836 -839	797 855 899	786 875 835	786 875 840	.839 .813	'806 '831	*824 *824	184 184
		23 24	852	849	1856 1859	843	854	865	857	842	847	1634 1635	821	813	797 804	782 792	508 508	838	969 969	.863 .863	1878 1841	1675 1825	1881 1835	867	818	852	184 184
		25 26 27		642 642	835	867	871	881	1867	777	782	- 1510 770	788	789 750	789	807 741	516 770	1852 1842	954 941	807	839	802	1843 1859	'843 '868	82.1 847	'83fi	-82
		26	877	1959	'859 '858	865	870 869	865	'881 '866	1869 1844	864	866	862	841	'826	810	'898 '846	878	867	854 833	848 786	813	1849 1820	'856 '832	857	877	·8
		30		'911 '669	913	909	886	845	930	963 967	732	772 658	*849	7N7 839	·760	·752	*754 *842	757 888	771	719	871	746	785 856	794	822 876	'850 '876	194

\* The numbers in these cultures are not observed, but exterpolated for the note of obtaining the dudy Monne,

M	otting an T	ren ime.	Noon.	1	2	3	4	5	в	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily no
Mei	Medra in Ti	me.	P. M. 6.14	b. m. 6.41	h.m. 6.41	h. m. 7. 41	h. m. 8. 41	b. m. 9. 41	h-m. 10.41	h. m. 11.41	b.m. 12-41	h.m. 18-41	h m. 14 41	h m. 15.41	b. m 16 41	h. m. 17. 41	h m. 18 41	h.m. 19.41	b- m. 20.41	h. m. 21-11	h. m. 22-41	h · m. 23,41	b. m. 0.41	h.m. 1.14	b.m. 2,11	h m. 3-41	Month
												•		•													
		2	70	0.72	_	0.78	0.80	0.77	-	0.83	_	0.86	0.86	0.86	0.66	0-88	0.88	0.82	0·76	0.75	0.66	0.65	0.67	0.68		0.68	0.77
		3	-68	·72	72	·73	75	.78 .77	79	'81 '82	85	*85	'88 '86	188	-89	-90	-88	·82	.71	-61	·62	·63	·64 ·63	63	.62	'65 '60	.74
		6	·62	·65	·71	·77	·79	·79	*80 *87	82	·84	*85 *91	92	93	·92	91	·89	·79 ·80	·70	·65	·61	·67	·65	.66	.65 .67	.69	·75
		7 8	'72 '71	·80 ·79	'84	·89	·89 ·88	'92 '84	'90 '83	92	93	94	95	-94	-92	-87	*84	-77	-63	68	-66	.66	-63	.64	.66	.68	-84
d		9 10	.69	-79	85	-88	-66	-87	-88	-88	-88	·90	·83	·85	·87	·88	·86	·78	·73	63	·52	*56 *58	'55 '56	*58	·59	62	·76
410		11	·72	'80 '74	76	86	·86	·88	·89 ·84	*89 *88	188	-88	·69	·89	·89	·90	·88 ·86	'75 '78	·69	·70	·64 ·66	-61	60	'59 '60	·59	·63	·7:
	1854	13 14	71	78	82	83	·81	.84	'86	*87 *85	·89	-89	·90	·91	-92 -81	94	·86	79	·72	*60 •57	*58 *54	·61 ·59	63	·65	67	.68	7
3	APRIL 185	15	-71	.76	'78	81	81	·84 ·83	*84 *80	63	-83	-82	_	_	-	_	_	_	_	_	_	_	_	_	_	-67	_
DOMESTIC OF THE	APE	16	.78	-83	63	76	.79	.79	181	'81	-82	·84	·85	86 84	87 85	·88	·85	·83	75	63	·67	·65	·65	65	68	-75 -66	-7
		18 19	·68	*75 *80	·81	*82 *85	'84 '93	*86 *86	'86 '88	'84 '88	·85	·86	·87	·69	*91 *90	92	188	·81	·67	·61 ·58	·60	·63	·64	·66	67	•73 •61	-7
1		20	'66 '79	·73	·77	·81	'82 '89	183	86 91	'88 '91	·90	-91 -91	·92	92	·91	·91	86	79	'71 '53	·62	·55	·55	'52	·63	·65	·72	.7
		22	.49	.65	.69	75	'84	.81	'84	'86	.80	'81	-82	.80	78	79	.72	-63	754	-44	41	36	30	-30	46	-52	-6
		24 25	*58 *65	·66	·77	·79	180	:80	'81	'80 '78	·80 ·83	·79	·78	.80	*82 *84	·85	·79	'68	64	·46	'48 '50	·54	·53	·55	·53	.60	·6
		26	-74	'62	*81	'81	'76	75	76	'76	.77	.79	.81	*84	'86	.89	*86	74	.60	.48	'55	.61	.63	-63 -65	-61	.56	-7
		27 28	'63 '72	·66	·74	·77	77	·73	·72	71 78	·78	79	·81	·83	·84 ·73	·88	·80	·75	61	·64	·65	·65	·64 ·57	-60	-58	·69	7
		29 30	71	-80	-84	-86	-88	-87	-88	·88	-88	84	-80	.83	-86	84	-77	-69	-59	·61	-61	.56	-56	-58	-59	.63	-7
b	lean	18,	-688	755	.794	·815	-827	-823	-830	*842	-858	-854	-856	·865	-870	'880	-846	·763	.662	.598	·568	.579	-577	·590	-608	·641	-7
			In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	Ín.	In.	In.	In.	In.	In.	In.	In.	In.	În.	In.	In.	In.	1
		1	0-955	0852	0-855	0-946	0.870	0-826	0-867	0-862	0859	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_
		3	-874	-661	817	817	-623	835	-832	-837	846	6868 ·841	0.870 1836		816		0°863	0-968 -850	6828	9821	816	9874	9878	853	9923	·841	0.8
á		4 5	'842 '892	·852	'845 '816	856 848	·846	·821	828	627	*846 *870	·831 ·864	817	·817	·616	813	·851	·855	844	795	·836	841 926	*868	·845 ·939	842	926	-8
3		6	934	939	940	.939	949	951	'910	921	936	929	923	.913	902	*883	.886	903	1898	873	869	.850	917	946	936	952	-9
WOO IN		8	960	976	970	986 987	982 986	-987 -934	906	940	976	951	.931	914	-697	*847	*842	-867	.801	939	-960	972	948	951	967	958	-9
3		10	968	994	1-013	1:016	986	982	988	976	972	929	·883	·882	1880	-948	926	936	·951 ·847	·917	'841 '853	·893	886	·842 ·886	*884 *909	·905	-9 -9
1		11	982	1.008	914	990	1-005	996	·999	993	979	984	990	986		994	0.006	964	913	975	961	925	901	904	·871	·891 ·961	-9
10	1854	13 14	950	974	970	967	927	940	948	963	974	966	959	955	951	958	954	951	935	·875	888	905	919	940	954	948	-9
ALMOST HEATT		15	.963	954	943	949	953	934	937	961	.9(3)	_	-	_	_	_	943	_	-965	960	960	947	_	952	966	962	- 9
d	PRIL	16	1-020	1-011	972	910	910	906	914	914	926	950	940	941	·941 ·934	·942 ·956	-967	996	.930	909	792	.761	956	.931	919	948	-9
311	4	18	1.003	1:011	1-026	973	990	994	989	967	949	948	947	965	983	945	·998	959	·927	810	·675	'917 '887	·946 ·899	·978	·988	·984 :	-9
Š		20	0-981 1-019	0-914	0-912	954	945	958	1-011	1016	941	1941	1.007	919	·897	·891 ·976	·893	'900)	·886	·838	·816	·847	·617	948	958	0.717	-9
		22 23	0621	0927	0913	0.965	(122	0006	.000	0.960	0920	_	_	-	-852	_	833	621	797	736	745	791	616	-658	809	862	-8
1		24	-889 -950	999	980	975	0.950	0:952	0-965	936	-920	908	.896 868	897	*897	904	908	'879	.789	762	.781	879	*886	.888	862	907	-61
3		25 26	-990	1:017	953	986	-969 -886	'903	'900 '828	·899 ·846	931	·926 ·859	922	911	-900 870		942	935	·901	736	'849 '625	·925	924	933	899	·941 ·851	-9:
		27 28	940	0 855 1940	667 919	·878	·872	*826 *896	*805 *882	1795 1858	·853	·857	·862	'859 '758	·856	·876	·878	·638	852	.766	'898 '766	·898 ·846	.803	*928 *899	·929 ·878	935	-8
		29	950	960	975	978	973	959	954	945	925	881	_	.866	_	879	876	854	793	841	849	-800	622	-829	844	860	-8

Means

						HU	MID	TY (	OF T	HE A	IR A	ND	TENS	ION	OF	THE	ATM	OSP	KERI	c v.	APOU	IR.					
No.	otting	19 24,	Noon.	1	2	3	4	8	6	7	8	9	10	11	12	13	14	16	16	17	18	19	20	21	22	23	Paily a
10	Medra on 1	e use-	17.30, h- m +-41	h m.	6. m.	h m. Tati	h m. 1,43	b. m., 9,41	b. m. 10.11	h m ii si	b. m 1841	h. m. 13,11	5 m. 14,65	16,61	h. m. 16,41	h m. 17.41	h m 18,41	h m 1941	h,m Disi	h. ss. 18.41	b m. 82,64	n ai	0,41	Lil.	5 m 2,41	h- m 3,41	Men
					0.80	0.80						•			0:87	0:88	0.88	076		0.67	0.64		0.40				07
		1 2 3 4 5	166 162 160 170 166	074 73 63 65 68 78	078 75 69 72 77 76	77 70 75 78 78	78 78 79 79	080 76 73 79 80	*80 *76 *81 *83 *82	0-81 -76 -76 -80 -84 -89	90 90 90 74	·83 ·82 ·86	183 184 184	187 186 190	187 187 191	-83 -87 -88 -89	'75 '81 '77 '84	-6H -73 -76 -75	-68 -66	-61 -64	-59 -61 -63	-56 -58 -60	-56 -61 -59	54 54 54	0.61 -58 -54 -65 -66	-59 -59 -55 -65 -65	1777
Will Gills		7 8 9 10 11	-88 -63 -67 -63 -66	75 70 64	75 78 73 77 71	77 79 84 79 75	79 85 79 75	80 84 88 81	186 188 188 182	1 2 8 8 8 7 K	2827	74 74 74 76 76 76	'85 '81 '84 '85 '86 '88	2823	*84 *87 *87 *91	184 183 184 190 183	183 177 178 177 182 179	777777777777777777777777777777777777777	-66 -63 -63 -63 -63 -63	63 61 56 56 63	59 63 61 45 63	61 63 63 63 63	58 59 64 53 56 60	67 (67 (60) (55 (56 (62)	61 50 55 55	43 43 43 48 48	in the state of
Owner, or the	MAY 1854.	13 14 16 16 17 18	67 69 70 68 56	70 72 71 66 66 66	73 77 77 76 74	74 77 79 78 74	-78 -79 -76 -76	76 81 78 78	-89 -79 -77	77 84 81 80 77	78 84 83 82 82	82 86 83 83	98 98 84 84	187 189 187 186 186	765 90 90 95 85	85 87 88 2	10 20 75 79 20	71 71 71 60 73	-63 -61 -61 -62 -66 -59	57 53 63 63	-56 -56 -55 -56 -67 -49	55 58 58 53	58 60 57 63	-59 -56 -58 -61 -50 -56	-61 -63 -64 -53	67 68 68 63	4000000
THOM		19 20 21 23 23 24 25	57 67 67 68 48 48	73 61 67 64	73 79 66 78 71 77	74 -80 -71 -80 -74 -80 -98	-74 -72 -73 -72 -83 -48	76 -81 -76 -81 -65 -83	-77 -82 -77 -81 -63 -85	78 82 70 81 63 75	77 77 78 78 78 78	83 77 85 60 72	65 78 68 58 73	-86 -87 -79 -89 -68 -73 -66	67 65 60 68 58 78	88 89 61 72 68	-81 -77 -77 -63	73 73 61 49 49	-62 -56 -53 -43 -46 -48	-55 -46 -45 -41 -41	56 39 35 35 36	60 54 42 42 36	57 58 50 48 35	-86 -80 -55 -48 -33 -88	54 53 55 45 45	58 54 59 57 47 48 30	4.000000
		26 27 28 29 30 31	*56 -67 *68 *60	70 76 73	78 79 76	79 74 76	76 78 73	-79 -71 -71	71 -72 -70 -70	79 71 70	71 70 72 71	64 68 69 70	-57	60 60 63 70	-62 -56 -60 -70	56 56 59 70	55 54 55 68	-50 -50 -40 -55	17539	41 41 39 45	38 40 36 42	34 35 38 38	-29 -32 -33 -33 -33	29 43 38 38	27 51 48 47	47 54 50 56	4444
×	[ean	n.	-630	-056	746	754	762	760	773	775	783	-786	795	-803	-807	1804	741	-661	-585	537	-521	-519	-518	-520	-551	581	-
			In,	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In
4		1 2 3 4 6	6-867 -581 -799 -812 -918 -913	900 900 769 935 979	9929 -878 -789 -856 -915 -932	900 778 776 874 919	9990 998 902 980 911 984	981 881 802 902 930	6409 689 619 901 934 939	696 898 816 813 931	991 802 891 933 931	648 679 798 667 988	9476 -868 -790 -784 -911	948 791 988 906		656 656	943 798 798 878 905	1820 1808	7824	0-986 -NOS -772 -S67 -S62	9877 1802 1813 1858 1891	778 778 783 636 873	0456 .773 .790 .876 .870	778 769 919 923	789 791 923 931	793 -813 -932 -919	0.5 7 7 8
ALBOSI MENDO AND		7 8 9 10 11 12	901 -581 934 -581 930	915 915 964 917 900 931	196 195 195 195 163 163	906 945 Fore 6 977 ,992	913 956 997 999 787	919 978 1708 0 807 954	916 984 1401 0 940 7479 7609	915 986 986 948 948 973	922 951 969 933 877	933 907 964 958 922 870	935 592 964 947 911 664	928 989 933 940 906 863	921 904 941 933 900 888	935 979 910 900 988 830	849 879 808 979 926 856	940 ,865 880 897 933 890	\$33 838 858 858 903 841	·877 ·872 ·834 ·681 ·895 ·845	911 915 915 828 891 878	906 942 821 904 573		855 884 906 822 831 908	887 902 870 834 826 917	912 908 904 877 875 936	9 9
	MAY 1854	13 14 15 16 17 18 19	930 944 964 970 939 818	935 969 946 933	927 980 934 928 895	916 942 965 593	926 927 927 902 869	920 938 900 904 876	926 917 878 910 883	931 923 889 910	931 929 867 889	563 921 925 669 679 923	:870	998 906 922 932 935 936	769 201 201 201 261 861 216	877 918 891 829 888 919	-920 -932 -920 -581 -913 -918	903 901 891 874 900 877	881 851 847 852 895 847	1836 1828 1792 1801 1823 1803	860 839 838 829 868 792	833 992 896 874 827 872	861	891 879 877 918 779 888	896 917 914 943 792 920	905 964 942 934 793 793 908	1000
Transport of		20 21 22 23 24 25 26	963 990 994 747 881	1009 1009 655 931	1-003 0-911 1990 1995	0 100 1 009 0 770	993 1-014 1-014	1156	0-115 1-016 0-656	923 706	.737	917 909 1 000 0-700 1-750	.861	984 966 198 9475 9475 750 723	7895 900 1108 0477 838 681	'877 '890 1-08 0 201 '807 '682	923 915 943 -718 -731 -745	934 942 526 547 656 676	'822 '798 '667 '647 '638	1823 1797 1760 1703 1609 1630	106 106 176 176 1673 1692 1660	936 926 765 717 731 680	923 960 874 788 742 601	904 959 909 615 711 631	981 981 928 821 882 681	836 1019 8916 781 864 654	9 9 7 8 7
		27 28 29 20	969	-	946	928	953	928	923	_	911	·819 ·867	'843	747 907 818	741 700 780	743 744 764	749 739 765	738 737 738	750 737 739	731 733 716	730 759 710	715 794 706	728 728 747	1600 1889 1720	-657 -898 -878	654 904 886	-10

902 919 929 918 915 916 909 901 998 568 578 571 563 503 765 740 520 507 512 530 504 526 564 562 \* The numbers in these columns are not observed : but interrelated for the sake of obtaining the daily Means.

873

Octting	90	Noon.	1	2	3	4	5	6	7	6	9	10	11	13	13	14	15	16	17	18	19	29	21	22	23	
Hedr Mean 1		P.N. 8. H. 441	h. m. 8.41	h m 9 44	7.41	b. ss. 8.41	b. ss. 9.41	h. m. 10,41	h. m. 11.4i	h m.	h. m. 15 el	b. m 16-ti	b. m. 18.41	h m. 16 ti	h. m. 17,41	h. m 18.41	h. m. 19-41	h. m. 20.41	h m. 91 41	b. m. 10.41	h m. 23.41	h m. 0 61	h, m. 1-41	2 al	h.m. 3.41	Bully and Monthly Mona-
	1 2 3 4 5	0'66 '48 '55 	0°74 '50 '69 '63	0.73 -64 -60 -50	071 -65 -69 -72	071 -68 -79 -73	0·70 ·68 ·68	0-53 -73 -78 -68	0:54 -73 -70 -68	0:53 :71 :72 :63	0 55 71 64 68	0:57 -78 -57	0°55 '71 '56	0:52 -69 -59 -70	0-44 -66 -58	9°55 '58 '55 '61	0°52 '51 '53 '63	0:48 47 47 59	0:36 '41  '45 '48	0°35 27 -41 -46	0°35 36 -40 43	035 39 -44 -43	0°35 '47 '49 '49	0°49 49 59 33	0·47 51 59	0.535 -578 -585
4	6 7 8 9	41 45 56, 56	59 53 58 58	10 72 72 65	188 78 78 78 74 45	72 75 83	43 P. 14 P. 17 P.	177 173 179 186	70 70 70 70	5775	77 74 64 88	78 -73 -66 -88	-75 -68 -68 -90	71 58 70 98	65 56 73 86	61 68 68 68	60 53 56 85	56 49 49 81	49 46 78 49	44496146	33 43 18	34 34 31 31	43 35 9 1 9	3498419	43 58 59 46	-886 -886 -726 -726
JUNE 1864.	12 13 14 15 15	-43 -33 -48 -52 -57 -60	-68 -36 -58 -58 -64 -70	'83 '57 '68 '68 '66 '78	78 70 61 72 68 76	70 76 75 69 82	84 51 73 73 75	68 -74 -78 -77 -76	84 -67 -74 -71 -81 -74	86 57 71 80 82	63 63 68 88	_	-91 -60 -58 -55 -77	90 62 56 58 78	63	74 '61 '51 '53 '64	*64 *56 *49 *50 *57	-58 -48 -47 -47 -59	53 '48 '44 '44 '53	45 41 40 40 47	'41 '40 '38 '36 '46	37 35 36 34 41	35 33 23 34 39	29 29 34 51	31 98 53 53 56	-57 -56 -55 -54 -63
,	18 19 20 21 22 23	-69 -61 -62 -57	71 -68 -65 -61 -68	77 74 71 70	-60 -78 -74 -74 -78	79 79 75 74	78 81 75 68	79 78 78 68	75 79 77 65 79	75 75 79 68	76 76 76 76 76	77 77 74	75 73 72 72 72 74	77 73 67 69 71	'67 '65 '61 '78 '57	62 62 61 74	53 50 58 57 54	58 50 48 43 51 48	*45 *44 *41 *45 *50	-47 -43 -40 -43 -52	42 37 45 40 48	38 35 39 38 47	134 134 142 135 135	48 48 46 46 49	-55 -54 -58 -51 -60 -61	-65 -63 -61 -64
	24 25 26 27 28 29 30	-68 -71 -63 -64 -63 -67	70 57 71 68	78 76 80 72 76	-73 -62 -75 -75 -75 -75 -80	76 81 75 75 76	-85 -84 -75 -76 -81	-86 -84 -76 -76 -82	86 84 73 80	·80 ·83 ·84 ·77 ·75 ·73	84 76 77 78	184 184 176	90 83 84 80 61	91 82 84 83 82	23 3 5 2 7 8 8	91 79 79 79 78	71 77 73 73	-81 -62 -70 -67 -77 -51	-74 -53 -51 -56 -79 -56	-69 -52 -53 -51 -65 -54	-00 -52 -50 -41 -54 -57	-63 -48 -43 -60	61 -45 -49 -54 -59 -51	70 52 54 53 62 63	71 61 62 55 67	71 71 71 71
Menu	ns.	-577	637	713	740	-757	743	749	749	741	.733	-731	720	717	*697	.001	-608	-558	-509	'469	*445	'429	-439	479	.534	•
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HUMIDITY OF THE AIR AND TENSION OF THE ATMOSPHERIC VAPOUR.

Gottingen Mean Time,	Noc	n, l	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily a
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UNIDITY	SEPTEMBER	17	76	184	-87	-84	-89	-91	*88	50	-97	92	*95	190	192	'92 '85	198	'81 '84	°81	75	174	160	167 158	171	62	-76 -65	94
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\* The examination in these Columns are not observed. But untersulated for the pale of obtaining the day. Monay.

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ptomb	er 30	078	083	0.84	0:84	0:56	0:88	0:46	0:80	0.91	092	093	0:94	995	094	0-90	0-87	081	077	0.74	0.72	0.69	0.24	0.78	078	_
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	8	80	-	16.0	-63	183	-68	-94	194	-93	193	-94	201	97	98	94	62	75	-66	107	165	64	.66	70	72	:80
	10	-75	41	164	1903	763	-84	'87	187	'90	163	93	90	-91	.93	-90	255	·78	-71 -73	-6%	·67	78	71	74	73	83
	11	-77	-66	85	86	145	186	764	-89 -65	180	183	288	197	-95	93	-92	78	-75	-71 -81	-71 -77	70	-68 -78	73	72	72	.83
3	12	77	-843	62	'84	187	-87	783	154	284	'67	91	93	285	95	19.2	181	-60	-73	-71	71	-71	78	82	78	-83
. #	14	-76	-78	.91	-81	'81	-82	-84	64	'85	-87	-60	91	92	193	-05	-91	-88	-56	-79	.74	-70	75	71	72	-69
CTOBER	16	78	-62	'81	192	-80	-89	90	-95	-95	'95	196	193	100	98	-95	150	*83	-83	-87	.87	-90	190	188	-85	199
E . E	17	195	+66	87	1903	90	91	93	96	190	.87	96	188	93	98	-97	91	187	-85	-64	·84	188	'87	82	84	90
ŏ	19	187	-87	'87	·67	.67	187	-87	199	.83	92	-91	-91	91	-98	-87	103	.79	-77	-76	.78	-82	155	.77	250	193
OCTOBER	21	'81 '90	+3	'85	160	199	92	191	197	36	26	97	97	97	.80	.82	96	-96	-96	-97	25	.89	-86	.83	200	92
-	22	-	_	_	_	-	_	_	_	_	192	-69	190	-91	.81	195	185	:81	-79	-77	-78	71	-78	73	78	-86
	23	78	148	'86	189	93	193	93	96	96	196	96	196	96	95	195	193	184	-80 -79	76	·73	76	74	74	78	-87
	2.5	'83	186	267	190	193	194	196	194	'97	'97	-97	197	97	97	-97	92	-87	-83	'61	179	-77	76	-77	-79	-68
	26	260	62	183	763	184	98	190	193	-89 -53	190	91	94	97	97	-96	91	92	-84 -91	78	·79	77	261	78 762	-78 -63	166
	24	-86	-90	92	91	93	95	195	190	-91	-	-	- 08	_	_	_	_	100		_	_	-	-	_	_	_
	20	-83	-85	-87	169	169	-88	-88	188	90	*94 *91	197	92	199	196	96	-96 -67	195	92	·88	'86 '76	·81	'80 '72	·82	82	91
	31	.80	-63	-85	188	167	-90	93	-95	98	95	198	190	94	196	194	91	*84	-52	.28	76	.76		.70	-70	.96
Mea	ns.	1905	-833	-846	853	-871	887	-899	906	914	-921	933	-942	948	947	926	-875	1834	797	-773	758	759	765	.774	789	-85
		In.	110,	In.	In.	In.	Ĭn.	In.	lu.	lu.	ln.	Iu.	In.	In.	Iu.	In.	In.	In,	In,	In.	In,	In.	In.	In.	In.	In.
temb	er 30	0-979	0.872	0.545	0463	0 119	6.212	0-949	0 313	07160		9934	07810	Crissia.	0 456	0-915	0-174	-	L.	9-903	0.164	0.744	0.011	1.00	0.957	
	1	2079	948	918	928	925	193	1947	953	956	1940	925	208	1890	186	775	776	810	217	1877	5442	969	925	0-176	1993	91
	3	373	947	930	912	914	910	.056	200	:692	748	1506	100	213	<b>BI8</b>	:6113	1850	913	1695	917	19/37	900	1993	196	1339	200
ŧ.	5	941	401	915	-925	906	-920	924	1947	1929	920	1912	904	1647	161	-898	-903	1001	1966	924	'584	7465	1924	1961	976	564
5	6	1910	·678	'856 '896	-969	1991	1885	693 907	.876	1875	<b>b74</b>	955	.825	1840	433	874	:000	.903	1923	929	1951	961	109	431	935	10
ALOG	á	-	_	-	_	-	_	-	_	_	-906	1931	930	921	932	-924	-900	1983	1942	1973	196	919	1932	965	961	90
2	10	11012	951	940	938	922	937	947	934	911	909	908	910	215	9842 1238	9/9	900	969	2007	901	1005	946	1950	978	948	99
Ē.,	11	940	-963	943	924	913	921	1935	1926	-914	1990	7664	7883	TAKE	1803	907	2571	871	200	916	937	7004	1937	1921	911	91.
12	12	924	903	905	905	995	-900	-9H-3	1904	1844	2678	1884	876	8953 '873	267	5000 193	1886	941	1952	918	931	917	1925 1966	923	916	50
Ĩ	14	903	998	963	883	974	-804	891	1948	-886	_	_	_	_	_	-	-	_	_	_	_	-	-		-	_
TOBER 1854.	15	900	-012	-809	871	1889	472	876	-834	-613	662	841	7846	7663	973	-896 -857	921	921	930	917	915	102	1914 1992	9144 1812	861	160
2	17	1968	-850	852	1862	'863	864	873	879	'808	198	853	356	'856	855	872	1883	'880	'850	372	2570	587	2558	1822	1840	96
200	18	·633	*815 *840	*816	758	1528	*131	1818	776	1902	795	789	785	781 754	736	790	742	762	'810	349 791	25-11	1942	200	1846	1853	913 70s
5	20	917	.799	108	1865	'819	1034	1409	850	1823	315	-808	1800	110	,806	794	931	-801	100	+44	851	2175	855	972	1887	262
	21	-862	-570	867	844	846	1123	1853	814	855	-816	777	789	788	790	515	710	786	201	1622	853	1815	824	-826	200	1825
Freedow	23	843	682	529	1638	834	826	822	-823	821	*810	'800	799	7116	768	2014	1955	283	'591	570	837	875	198	855	284	11/36
6	24	-863 -91H	553	539	516	900	958	912	854	913	1844	1842	851	7859 7879	851	1953	968	870	911	908 198	917	912	957	1932	914	1679
-	26	-890	873	852	859	*842	'886	-893	1485	847	1145	7843	'868	1881	-883	1883	1693	5812	900	1883	911	904	921	390	1488	1975
	97	1974	984	502	976		1939	1473	1945	1631	842	1953	1846	7825	-619	771	584	797	790	*847£	928	357	877	593	874	1636
	29	1	_	-	_	_	-	-	_	_	1983	901	593	'884	671	671	875	1996	1993	887	905	907	906	1992	-897	853
	30	802	4104	1645 1840	697	200	784	791	1870	876		1989	1953	7836	1536	855	959		564	883	1904	100	1904	576	973	2874

\* The numbers in these Columns are not observed , but interpolated for the cake of obtaining the duly Meson.

Cuttages Mess Tree	Noon	. 1	2	3	4	5	6	7	- 5	9	-16	11	12	13	14	15	16	17	18	19	20	21	22	23	
Mofres Muse 7 Heet.	P. M. h m, 4 61	h.m. 5 64	b.m. 6 41	8.m. 7.41	3. n., 8.4)	h m. 5.11	b m. 10 el	ha na	N. m.	h. m. 14,41	li,m H. H	h m. 35 61	h eq 36 41	h.m. 17 61	h.m. 16 41	В п. 19 41	h.m. 20.41	h. pr. 11.41	b m filed	h m 25 (1)	5 m. 0.41	1.41°	b m. Est	h m-	Daily and Mouthly Moute.
NOVEMBER 1654. NOVEMBER 1654.	078 79 75 91 778 91 779 78 83 63 779 78 83 63 71 83 63 71 83 83 71 83 71 83 71 83 71 84 71 71 71 71 71 71 71 71 71 71 71 71 71	0 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	0°88 57 51 9 - 63 51 57 56 93 - 63 644 6573 77 4 - 622 6874 90 689 - 66 93 67 69	091 649 1 625 7 65 9 1 6 6 6 6 7 7 7 1 1 2 7 7 6 6 6 9 0 1 7 7 9 8 7 7 7 9 8 9 9 1 7 7 9 8 9 9 1 7 7 9 8 9 9 1 7 7 9 8 9 9 1 7 7 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	090 163 193 197 766 197 769 194 195 196 196 197 196 196 196 196 196 196 196 196 196 196	の報酬は4 - 91 物物のでは6 6 - 91 物物を利用です。 1970 75 91 55 92 - 91 96 55 90	07.50 70.53 92.5 79.9 19.5 79.9 19.5 19.6 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5	00% 10 10 10 10 10 10 10 10 10 10 10 10 10	0933 1996 1996 1996 1996 1996 1996 1996 1	· 095 93 93 93 79 8 — 96 92 77 75 72 93 — 90 93 93 90 99	中有有效。一年4年4年6年77年,一年有年4年8年8日,一年8年8日7年8日,一年8年8日8日	• 0977 195 191 — 63 95 95 97 77 91 — 87 95 95 95 95 95 95 95 95 95 95 95 95 95	0.96 92 - 44 96 97 97 97 97 97 97 97 97 97 97 97 97 97	0.666 4 — 彩布特科学第一部的传统第二 — 科学设计学的 — 科特的美国	993 996 996 996 997 991 991 994 993 994	2000年11日 100年11日 100年1	6. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.	の他でで - 70月79日 1077 - 1077 799日 15 - 1470 772 142 - 18月 1867 77	のですでは、一般できてですのでは、一般の様々なでは、一般ではなった。 のではなったできません。 のではなったできままなできまなできまなできまなできまなできまなできまなできまなできまなできま	975778一份74475日75一份878份784一個71個負別是一份88%7971	078-778-6140-775-6142-6440-764-745-74-6440-784-74-74-74-74-74-74-74-74-74-74-74-74-74	- 177 79 - 58 633 77 77 662 - 78 77 77 662 - 78 78 78 78 78 78 78 78 78 78 78 78 78	97744 - 19070575467 - 1775766768 - 銀行時間報3 - 19888776	679   - 677   777   676   - 797   788   677   - 676   641   194   647   746   747   748   747   748   747   748   747   748   748   747   748	0-886
Means,	796	824	637	*846	'849	-565	1670	1883	*893	895	-903	-910	913	-919	-909	·878	-897	-805	777	767	757	742	-764	776	-84
TENSION OF THE ATMOSPHERIC VAPOUR  NOVEMBER 1844  METER ESSET 11810 H ILL II	In. OAIA 1877 1831 1877 1831 1832 1834 1847 1848 1858 1858 1858 1858 1858 1858 1858	In. 6186 678 678 6814 638 6828 6829 6829 6829 6829 6829 6829 682	In. 0477 820 806 806 814 780 817 763 827 819 888 830 804 832 830 834 835 838 830 838 830 838 830 838 830 838 830 838 830 838 830 838 830 838 830 838 830 838 830 838 830 838 830 838 830 838 838	In. 6491 858 835 779 814 7783 844 7783 827 783 685 677 881 825 835 835 835 835 835	In. 9499 852 835 780 897 804 877 806 807 616 809 809 809 809 809 809 809 809 809 809	In. 6488 7866 842 796 841 861 763 825 780 763 825 781 763 825 781 850 850 850 850	In, 6488 651 -821 762 -831 611 825 764 829 824 836 630 829 824 836 836 836 836 836 836 836 836 836 836	In. 8546 856 850 784 867 786 818 887 7786 816 836 779 720 738 836 771 720 738 836 836 771 778 836 836 778 778 836 836 778 778	In. 848 849 797 651 813 863 863 661 661 661 679 681 700 700 700 700 700 700 700 700 700 70	In. 6466 844 843 812 852 812 853 767 774 631 6611 6616 720 789 761 6789 761 7789 761 7789 761 7789 761 7789 761 7789 761 7789 761 761 761 761 761 761 761 761 761 761	In. 6481 638 — 761 6855 812 675 741 760 6844 6868 6807 734 6803 6808 6807 784 6808 778	In, 0444 850 — 8654 891 886 778 838 810 824 811 — 735 729 691 — 781 — 7782 80	In. 6993 6447 6683 7763 6537 7766 6537 7769 6461 717 725 769 769 778 778	In. 6847 841 873	In. 0433 9888 9886 — 6456 9875 9826 9826 9826 9826 9826 9826 9826 9826	In. 6864 1890 910 - 773 645 645 645 647 771 - 806 647 771 771 7710 648 - 7710	In	In. 684 680 616 — 747 916 642 650 651 652 650 651 651 651 651 651 651 651 651 651 651	In. 6008 800 800 800 800 800 800 800 800 80	In. esta (533 524 1 250 52	In. e100 (500 (500 (500 (500 (500 (500 (500 (	In. 044	In. c::83	In. 6911 830 816 773 834 839 704 766 832 840 738 854 703 854 703 854 768 847 788 848 788 848 788 848 788 848 84	B   10   10   10   10   10   10   10

\* The mainless to those Columns are not observed , but asterpolated for the sake of obtaining the delly. Meson.

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	anira na D	150.	P. M. b. m. 4. 41	b m.	h m. 6.61	1 41	h. m 8,41	h.m. 9.41	h,m 10,41	h m 11,41	h-m 1241	h. m. 13,41	b m 14,46	h m 15.41	b m 18,41	b m 17,41	h m 18,41	h m. 19,41	h m. 30,41	h m. 21,41	h. m. 22,41	h, m. 23,41	h.m. 0-41	h.m. 1.41	h m. 2.41	h.m. 8.41	Meath
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		1 2	0·77 ·76	0°83 '82	0.82 83	0°87 '86	0°86 '87	0.86 -89	0.87 -89	.86 180	0.89 0.89	0.89	0.89	0.83	0.94	0.93	_	_	0.85	-	0.28	-	_	0.23	_	0.76	0.81
		3	-87 -76	-87	·88 ·75	·89 ·78	·90	·91	·93	93	·93	-90 -92 -79	·92 ·92	'93 '92 '81	-93 -92 -89	94 95 92	-93 -95 -93	'92 '94 '88	.91 .91	83 84 85	'82 '82	'76 '80 '74	·74 ·78 ·73	'73 '80 '74	76 72	·83 ·76 ·72	*85 *84 *79
		5 6 7	76	·79 ·76 ·77	79	·79	-79 -90	·82	-82	.88	·79	·83	.88	90	·91	92	93	·89	-89	77	74	70	·69	67	68	68	-86
į		8	·73	·76	78	85	·87	·91	·92	'93 '82	·93	-93	-93	'94	-94	95	-95	.92	-89	76	79	'73	74	71	73	76	-8-
		10	-80	.80	86	-81	.82	-81	-80	81	-83	-88 -84	-91 -85	'91 '86	·91	88 85	89 81	-92 -82	·91	76	·87	86	·81 ·67	77	·77	76	·8:
4111	28	12	-69 -68	·71 ·82 ·73	76 70 77	·77 ·71 ·78	·77 ·71 ·78	-75 -71 -78	·75	74 75 81	·87 ·78 ·84	-86 -81 -85	-85 -85 -87	88	-93 -90	95 85 82	·98 ·83 ·80	·86 ·84	-75 -87 -82	74	68 71	64 73 65	·64 ·64	66 63	-68 -62	'66 '70 '66	·7:
5	BER	14 15 16	-69 -63	79	76 78	·79	81	-83 -86	-86 -89	89	.94 .93	-91	-88	90	*91	89	-86	-83	-79	77	.69	.66	-67	.66	-86	-66	-7
TOWNS THE	ECEN	17	-61	-61	.68	-70	78	-75	-82	.88	-89	·56	·79	81	82	·79	·79	·76	-56 -81	75	74	66	-49 -65	63	·53	'55 '69	·7
	DE	19 20	·63	·72	73	·76	'82 '66	-86 -69	·87	72	-92 -71	-93 -80	-94	93 89	·91	·91	·91	·91	·81 ·80	'76 '69	·70	66	- 59 - 64	63	64 64	64	7
=		21 22	·70 ·88	·73	90	·73	'71	·71	·71	92 90	·75	93	·93	92	·79	-86 -94	·85 ·94	·85 ·91	·84 ·87	'84 '86	·83	81	·91 ·84	'90 '81	·91	.83 .83	·7
		23 24 25	-85	·85	95	·92	94	-94	96	97	-96	98	87	'88 -90	·88 ·85	·89	-03 -01	·87	·84 ·90	·83	·83	91	85	82	·79	'91 '81	-8
		26 27	·85	·86	87	·87	81	84	·85	84	84	82	·81	-82	·82	'83 '95	84 93	·79	·76	74	74	·73	·73	·74 ·69	·76	73	.8
		28	-74 -91	·76	.80	·79	·79	·80	'80 '82	80	·89	89	*90 *84	·93	·95	*95 *89	93	-92	94 78	93	'95 '76	.94 .75	·93	·86	'86 '73	75	·8
		30 31	78	-80	.80	-81	-80	-73	-77	77	78	-80	-83	-86	.88	*84	.90	85	.76	65	•63	.66	-72	-63	.63	65	.7
3	lean	a.	758	787	-800	812	·817	825	.831	*840	862	867	879	888	·891	*899	.897	.872	-832	.778	.758	.737	.726	714	715	.733	.8
			Jn.	In,	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In,	In.	In.	In.	In.	In.	In.	In.	1
		1 2	0749	0.781 .779	0746	0.710	0761	782	779	0.788 •768	767	0745	0.724	0.733	0.743	0.785	0-789	0.731	0.763	0-776	0-773	0-772	0.712	0743	0 759	0.766	0.7
		3	825	819	747	•749	757	760	788	-770	765	·771	·775	770	·765	'768 '783	767	785	·809	'821 '836	'796 '871	·799 ·846	772 829	789	·833	·762	.7
		6	740	754 726	711	·725	718	·723	·735	·725	695	·727	729	733	·736	785 739	'761 '751	·761	759	·773	811 745	·793	756	.695	·726	·726	.7
		8	·693	708	·712 ·720 ·760	·727	727	716 739 730	-717 -744 -727	·713	724 730 768	·721 ·734	·719 ·738	·720 ·738	721 737	723 746	·702	718	734	761	734	745	·742 ·756	·673	·702	·689	-7
		10 11	775	768	817	736	738	758	730	·739	738	751 740	734	·734 ·752	·734 ·760	·732	765 712	·806 ·759	759	738	·825	·817	811	·754	696	·689	3
THE ALMOSTREAM	854.	12	670	680	610	612	688	613	614	·672	749 648	·740 ·652	731	·736	741 655	·741 ·651	·769 ·664	.721 :672	702 750	713	668	642	'625 '631	647	650	690	.6
3	-	14 15	635	686	·653	·864 ·848	663	630 667	617	619	636 695	627	·619	·682	·624	·577	·567	663	679	671	655	620 638	616	·640	638	·614	.6
4	ECEMBER	16 17	-621	648	·669	·873	630	676	·661	677	635	637 631	·587	·584 ·626	'580 '624	·564 ·633	·572	591 654	517 668	-527	553	588	495		627	.233	.6
	DECF	18 19	631	630 574	·616	·632 ·536	630 651 556	651	·647	631	635	679	682	663	624 644 601	644	664 611	710	705 666	·678 ·693 ·623	673 666 620	650	'629 '567 '609	·611 ·605	'642 '553 '604	653 542 614	.6
5	_	21	653 759	634	607	·636	·627	·624 ·763	·620 ·761	·605	·628	·640 ·784	652 781	650 771	'648 '761	676	·670 ·785	669	·693	·709	709	724	·761 ·843	·757	766	780	6
		23	792	786	698	771	809	818	812	.802	794	782	771	773	.774	765	788	800	817	814	821	836	824	792	.749	810	-7
1		25 26	780	·765	765	770 772	767 734	*794 *754	781 756		785	788 721	791 697	·759	726 688	·765	786 697	779	·770 ·698	·771	706	·791 ·715	720	·781 ·728	·727	*754 *708	7
		27 28	710 704 777	*715 *688 *741	740 706 743	1096 1096 1738	·707 ·691 ·738	1715 1689 1740	686 691 736	-695	·701 ·728 ·724	706 740 721	712 752 719	711 762 725	710 771 731	721 765 728	755 722	710 750 736	730 770 725	747 760 740	749 771 738	742 793 735	789 742	789	·699 ·809 ·701	·705 ·812 ·698	·7

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		REMARKS ON THE	WEATHER FOI	THE MONTH OF MA	RCH 1854,	
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		REMARKS ON TH	E WEATHER F	OR THE MONTH OF M	AY 1854.	
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8 9 30	į į	2 er-cu, cs-hz, 3 6 cn, cr, cr-hz, 4 4 hy-cu, cu-sl, cr-isl, hz, 6 c co, cu-sl, cr-hz, 3 6 cr, d-cr-hz, 5	ort, sis-th, sh-lg, lt,	Orest, delez, de ovt, the E, it R, ig SE, so do, dis-th, sh-le SE, shy-encoust hz vivilge S cr, d-or-hz, 7	er.en, er-bs, 6 ovt, 8 u)-ovt, 7 ovt, sh br-SE, 7 eu, er-bz, sh-lg-E, N, 6	ort, R, even, ec.bz, on, en.sr, ez-bz, ovt, ny-ovt
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		REMARKS ON THE W	TEATHER FOR	THE MONTH OF SEPT	EMBER 1834.	
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Sept. 30	en, en-st, er-kr,	REMARKS ON THE	er-en,cu,er-st,haylg-S,	Ciprosi, sei de mil	ore, oy Hobels W.N.	ce, pin,
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EXPLANATION OF STHROLD USED IN THE ABOVE TABLE.	dderib er chmid 1derib er chmid er eleant er entre er eleven 	in	T presed of blob d blob ne bent echer d bent echer d bed	A consistent of the constant o	of	d

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20 1 2 2 4 2 C C 2 2 D 1 2 2 4 2 C C 2 2 D 1 2 2 4 2 C C 2 2 D 1 2 2 4 2 C C 2 2 D 1 2 2 4 2 C C 2 2 D 1 2 2 4 2 C C 2 2 D 1 2 2 4 2 C C 2 2 D 1 2 2 4 2 C C 2 2 D 1 2 2 4 2 C C 2 2 D 1 2 2 4 2 C C 2 2 D 1 2 2 4 2 C C 2 2 D 1 2 2 4 2 C C 2 2 D 1 2 2 4 2 C C 2 2 D 1 2 2 4 2 C C 2 2 D 1 2 2 4 2 C C 2 2 D 1 2 2 4 2 C C 2 2 D 1 2 2 4 2 C C C 2 2 D 1 2 2 4 2 C C C 2 2 D 1 2 2 4 2 C C C 2 2 D 1 2 2 2 4 2 C C C 2 2 D 1 2 2 2 4 2 C C C 2 2 D 1 2 2 2 4 2 C C C 2 2 D 1 2 2 2 4 2 C C C 2 2 D 1 2 2 2 4 2 C C C 2 2 D 1 2 2 2 4 2 C C C 2 2 D 1 2 2 2 4 2 C C C 2 2 D 1 2 2 2 4 2 C C C C 2 D 1 2 2 2 4 2 C C C C 2 D 1 2 2 2 C C C C C C C C C C C C C C C C	CS, nine, 2 cs, nine, 3 cs, hip, cs, hi		ON THE WEATHER  THE STATE OF TH	engenes, ever and see ever a construction of the construction of t	ort, 10%, ex h	ee, ee al, ee la, ee la	6 131-5 6 131-5 7 138-5 6 140-8 140-8 140-8 140-8 130-7 131-5 1	729 910 77 729 910 77 721 946 90 724 926 77 740 921 78 740 92

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1234567890123456789012345678901 STORKES	clear,	en, er-karbar, 1  so, en-karbar, 1  so, en-karbar, 1  so, en-karbar, 2  so-en-kar, 2  so-en-kar, 3  so-en-kar,	Co, er, er-hay,	Sen, re st, re-ba, sun, 5 fines, re-st,	fi-es, alm, 6 fi-es, cest,	dec, edit,	133-5 69-8 132-5 79-8 132-5 79-8 131-6 71-8 131-6 71-8 131-6 71-8 132-8 70-2 131-6 71-8 132-8 70-2 130-7 67-5 132-8 70-2 130-7 67-5 132-8 70-2 130-7 67-5 132-8 70-2 130-7 67-5 132-8 62-1 130-8 62-1	827 7 7 83-6 7 7 7 83-7 7 7 7 85-8 7 7 7 7 85-8 7 7 7 7 85-8 7 7 7 85-8 7 7 85-8 7 7 85-8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7
EXPLANATION OF SYM USED IN THE ABOV	a 1 - 1 -	64dense 64dense 65distant 81distant 82desched 83desched		herbetteen hehotsee herhood  Glight  Hhigh  mhbettee	11111	R	titherier	rie

# MADRAS, 1855.

METEOROLOGICAL OBSERVATIONS.

Noon. 1

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-897

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ANUARY 1835

Mo

FEBRUARY 1855.

21 22 23 24 25 26 27 

\*17

#### MADRAS. 1855.-METEOROLOGICAL OBSERVATIONS. BAROMETRIC PRESSURE. Barometer at 32" - 29 English Inches + the number in the Table 11 12 13 14 In. . 0 192 0 471 0.042 0.044 0.056 0.653 0-042 0-046 0-047 0-042 1-040 1-042 1-042 0-043 0-043 0-047 0-041 0-044 0 957 976 943 934 932 910 926 936 934 973 001 000 007 975 941 918 590 564 961 938 932 923 924 938 957 973 982 018 101 986 977 947 913 801 866 :986 970 984 984 175 950 930 938 992 010 013 1007 955 927 906 901 -965 910 911 953 0440 0491 1001 -893 -878 -946 934 905 905 0486 W72 -519 .791 -865 874 904 \*834 -909 -883 -896 -888 0.997 -926 -949 1-000 1 005 1-004 027 6966 -070 1 900 1.004 -984 -054 -021 -062 943 934 -057 n sed -00% 910 9m -960 0 102 0 107 D-965 935 948 978 973 960 910 900 948 696 0-995 0-097 940 947 -9.10 -901 -886 974 1-101 -990 -991 982 1911 050 1011 1 004 1-093 1-006 1-089 -093 1:028 -000 0 pp0 0 pp0 -0.40 -009 027 049 065 1079 -030 -020 480 400 100 4001 \*044 \*076 \*106 1063 117 :057 1-010 -039 1008 1054 1063 074 064 644 916 101 -020 1044 1069 -068 :076 -038 1063 1035 1005 0000 017 014 021 1000 1043 -067 -130 -035 002 002 003 -097 -000 -090 104 114 -067 100 117 145 163 140 -050 063 074 104 123 133 1074 1075 -087 -106

	31	078	084	102	195	145	153	-149	140	121	100	076	-068	071	006	1098	130	168	181	179	155	127	101	-072		.115
oau	в.	935	946	963	986	-007	-015	015	900	1088	975	958	-953	958	-970	989	-018	.043	-049	-043	-022	-993	-961	-942	-933	0.986
_		-									-0006		-cost													
	1	1.000	1001	1,000		1.004					*							1 100			*****	1-114				
	2			-069			124									1995	128		-158	154		103	1071			1:113
	å	1017	1009	-098	1001	1075	1079	-067	1070		661	'064	100	400	001	160	120	.101	.100	.194	.127	103	071	4007	018	1002
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	5	5000	018	1049	1006	1088			-013	'093	-080		073		096	121	149	168	184	173	158	130	108	.090		1009
	8						172			151	127			-111			:168		생태성	188			-099	-079	081	138
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	6	.013	1025	900			1065											-074		-076	442		0-191	0.000		1032
	10	0 852	0.968	0.100			1063				-010	0.993	C-980	0-168	020	048	078	104	-111	101	078	044	1.001	1 006	1-000	1035
	11	1-008	1011	1-022	.060	-081	107	160	.100	092	7119	1:000	-	1-005	-090	943	-073	1001	=-	-096	1004	937	1003	0.001	_	1047
	12	-968	0 963	0.112	-016	-024	-052	1000	*044			C-287	1-000		1006		1038			058	1000	1007	F-923			1012
	13	950	969	-981	0.100				-013	1020										-058			976			1001
	14	-944	950	979			013							500						1011				-596		0.998
	15	895	-906	925			6-918					-916	906	1903	976	:957	961	0.291	0.806	0.240	2002	906	1999	100	-871	938
	16	267	.879	1904	918	1942	961	970	963	-942	927	914	904	\$05	916	934	970	985	1-900	987	970	943	908	1893	888	933
	17	890	1898	907	1909	970	979	500	-979	963	-	_	_	_	_	_	_	_	_	_	_	_	_	_	-1	-
	18	=	-	-	-	=	_	_	-	-	-922		.871	-869	-890	-909	2034	.839	0654	946	922	1694	870	841	-830	918
	19	-817	815	836					901	:891	873		-843	840	100	-653	914		941	934	1KM	-679	341	820		:873
	20	·791	908	347	580	946		925	918	-905	688		765	.861	580		933		1491	962	942	910	876		858	1994
	99	864	1670		917			943				7120	-910	SHEL	912	1999	997	0 955			935	948	918	881		934
	23	-839	-640		'RR9				-934				-903	909	907	974	981	204	1-004	11006	970		921	1620		1927
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	27		-006		1048		1979		-053			0.554										1000				-023
	28	967	0.903	.001	-013	1038	-047	1045	-027	1005	0 105	976	963	902	0-977	-010	'023	1041	1054	1048	1017	09/7	1965	942	939	-001
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(es		959	-963	981	-004	-095	-000	-007	1007	-010	:003	-077	-070	075	500	2014	1020	-059	-067	4056	-029	-005	-976	-054	-0.15	1-904

\* The aumbers in those columns are not observed but interpolated for the sake of obtaining the fady Henny, and the amid figures heading them are the convertises of colorpolations,

BAROMETRIC PRESSURE.

Gotti:	une.	Noon	. 1	2	3	4	5	в	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Dails a
Madr.	ns inc.	P. M. h. vs. 6-61	h. m. 3.41	h m 6,41	h.m. 7.41	h.m. 8.41	h.m. 9 41	h, m. 10 41	h.m. 11,41	b-т. 12.41	h m. 13.41	h. m. 16.61	h. m. 15-61	h. m. 16.41	h. m. 17.41	h- m- 18.41	h m. 19.41	b ть 20-41	b. m. 21.41	h m	h, m, 23,41	b.m. 0.61	b.m. 1,41	h. m. 2.41	b.m. 3.41	Duily at Monthi Means
TOTAL STREET		In.	In.	In.	In.	In.	lo.	In.	In.	In.	In. 0.28	In.	In. -0.61	ln.	In.	In.	In.	Iu.	In.	In.	In.	In.	In.	In.	In.	I
	1	0-912	916	9971	1 000	1-017	1031	1-016	1-006	0-1987 -1989			947	943				1007	1-024	1000	1.004	0917	9922	0.904	919	0.9
	3	928	942	956	981	998	-009	011	1001	.880	-	_	989	-	-	_	_	_	-	-066	_	_	_	_	-	_
	5	-981	980	-990	1.017	1 041	056	956	-048	1-025	1 002	999	978	991	1008	1.025		-073 -065	084	'061	*036	1-016	994	979	969	1.00
	6	946	953	967	0 997	1023	1006	1035	023	0-996	966	970	970	982	946	010	049	1062	1071	054	1033	008	981	954	951	0.9.
	8	904	912	915	936	0 947	0943	0.985	0-941	919	901	*889	-877	877	899	915	925	0.944	0.954	0947	'919	1898	'868	847	843	.9
	9 10	-849	816	'885 '837	906	932	941	942	925	1906	.883	.866	862	870	879	-899	926	939	941	926	.896	874	*843	-823	813	.8
	11	-	_	-	=	1-02	1.013	1-01 5	1.008	1.008	·891	907	910	924	1933	954	976	1007	1 018	1014	1.028	964	941	926	915	.0.
1855.	12	925	931	-950 -956	975	0194	-001	0 996	0-977	0.973	960	933	923	925	920	0 133	0 1401	0-984	0-969	0.982	0.945	918	886	1946 1860	849	-9:
-	14 15	845	*852 *800	870	1898	910 856	9880	1898	*882	872	852	838	835	844	*845	858	859	918	922	911	*879	839	802	·787	818	'8 '8
MARCH	16	-815	.826	848	873	.891	897	900	897	*893		1875	868		.888	919	938	971	988	.883	972	943	916	-892	872	-9
N.A.	17	875	188	-909	941	975	984	982	970	954	943	939	935	943	950	975	995	1-007	1-016	- 1-010	988	961	928	896	886	-9.
	19		857	895	915	930	943	943	923	908	·894 ·816	·887	·874 ·796	·873	'881 '807	1893	914	886		922	·891 ·848	860	·832	810	799	-8
	20	795	757	768	786	805	829	825	.830	819	*803	793	.787	-793	'811	837	859	.882	883	863	851	819	.782	766	753	18
	22		764	·833	·807	·836	·861	·861	·859	846	835	·830	*835 *845	·851 ·855	*869 *870	·886	907	929	928	916	902	871	1837	·809	815	·8·
	24		831	847	870	889	894	867	873	863	=	-	-857	-871	-883	-	-	_	-957	945	-920	-897	-	_		-
	25	-855	-866	885	902	926	-937	937	929	907	'856 '890	*855 *880		·871	897	910	941	955	968	'953	931	902	'874 '876	859	851	181
	27 28		865 864	*882 *880	909	924	933	931	913	901	·889	*865 *877	·862	·870	885	901	928	949	968	949	936	909	·873	852	838	181
	28	.830	836	855	878	2002	924	1928	923	898	.878	.861	*860	868	'885	907	936	947	946	.938	913	880	'840	819	.803	-81
	30	797	·811	·833	1853	-878	-902	-900	888	873	-855	*844	-843	-853	.869	.889	-917	933	-941	-932	909	·877	·657	842	-839	-8'
Mean	18.	-861	870	.888	-910	-930	943	942	932	916	-901	-893	-887	-893	906	927	.953	972	979	-968	-943	915	-886	.865	854	0.91
											-0026		-0066 #													
Marc	h 31	0.629	0-837	2880	0-886	0 913	0-014	0.012	0-913	0-917	0-202	0 894	0 89 1	0.905	0 923	0 9 18	0 973	0 290	0-995	0-971	0 940	0976	0.672	0 841	0 819	09
	2		838	847	866	892	912	920	'891 '882	'886 '858	'875 '837	·870	857 815	855	'872 '839	1905	937	*943 *896	946	933	909	*880 *852	833	·827	·821	*8
	3		·824 ·807	845	·873 ·659	'888	914	.800	'884	'880	856	838	-836	1846	'860	*886	906	914	911	902	883	859	.830	807	791	184 184
	5		·796 ·795	814	·840 ·837	858	*865 *874	·872	'855 '857	'850 '851	'835 '840	827	·827 ·831	838	'858 '817	·868	1895	912	906	901	*867	·863	·810	778	·772	·8·
	7		831	861	-886	902	916	915	.692	895	_	-	_	-	_	-	-	-	-	_	-	-	-	-	-	-
	8	-870	878	884	-899	924	-941	946	940	905	'892 '891	1895 1884	1892	900	914	·941 ·920	959	983	991	980	963	941	1911 1860	*880 *864	861	191
	10	852	-863 -881	881	·896	902	-921 -939	918	903	'895 '916	904	1880	'873 '896	905	·899	914	939	1954	960	947	924	891	·869	860	849	185
,	11	876	888	893	915	926	-932	.937	.031	928	918	915	'900	'896	905	.923	953	0 970	0.368	.949	920	896	864	.835	816	9:
855	13		825	1835 1820	·844	858	-879 -882	903	'874 '889	857	830	.810	819	.839	*848	.876	.904	922	917	902	888	857	.830	805	780	-83
_	15	1 —	_	_	_	_	_	_	-	859	'856 '834	1867	858	861	858	.883	914	924	925	919	901	878	1850	830	808	-81
APRIL 1850	16 17		·769	·833	·861	826	-893 -837	·890 ·831	·880 ·829	812	798	790	1814 1789	'818' '800	835	·860 ·838	'868	*899 *878	'895 '879	-866	842	834	784	778	768	-8
Y	18		·745	764	·789 ·758	*808 *781	·832	·837	·839	'812 '773	793	781	780	'790 '764	*805 *781	·829	'843	861	'866 '828	846	*828 *787	797	759 724	733	708	79
	20	-699	712	730	-741	761	795	812	.792	785	774	769	769	781	789	805	830	818	842	824	.799	761	725	705	699	-77
	21	685	717	.740	771	790	·798	-803	.800	792	766	746	749	763	779	785	810	831	.839	.830	805	770	732	718	713	-77
	23		730	-732	759	771	.785	793	785	775	.767	766	771	787	-800	810	*831	.848	'848	841	825	.799	767	.760	725	-78
	24 25	717	·740	·775	·793	816 787	827	'819 '803	1815 1789	·795	·786	·783	762	·802	·812	·824 ·816	·841	·849	842	*836 *830	·813	774	755	739	·719 ·697	·75
	26	.696	.705	.731	.753	761	.775	785	780	754	737	727	726	736	779	799	·824	·829	'822 '823	·804	776	·743	710	·683	676	-71
	27 28	·667	·686	710 784	·732	·747	·7.70	·773	-867	853	_		-	_	_	_	_	-	_	_	_	_	-	-		. 7!
	29 30	786	786	813	·841	863	-885	-885	862	841	868 815	·889 ·796	·873	·868 ·785	·879 ·806	·895 ·815	·834	926 841	·920 ·846	.840 -909	825	870 794	·841 ·768	·817 ·746	790	-88 -81
		_	_								_	_		_		_	_	_	_	_					-+	

## BAROMETRIC PRESSURE.

Gotting Bean Y	int.	Noon.	. 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Delly at
Madr Mean T	as lime.	P. M. h. m. 4.41	b. m. 5-61	b. m. 6.41	h m. 7.41	h. m. 8.41	b. m. 9.51	h m. 10.41	h m. 11.41	h.m. 1241	h. m. 13.41	h.m. 4141	h.m. 15.41	b.m 16,41	h m.	h.m. 18.41	h. 19. 19.41	ь. та. 20-41	h m. 21.51	b-76. 22.11	h.m. 23,41	h 14 0 41	h. m. 1.41	h. m. g.tl	h. m. 3-41	Month
		lu,	Ín.	lu,	In.	lu.	In.	Iu,	In.	In,	In. -0>29	In.	In. -0063	ln.	ln.	ln,	in,	In.	ln.	In.	In.	ln,	ln.	ln,	In.	I
	1 2			0.708		0-806		0.812			0-763	0-750	0 750	0-763				0-828			0-790			0.708	0-695	0.7
	3		·705	723	·751	·780	·801		·816 ·869	·810 ·857	·792		·780		808	828	·846 ·871	864	-867 -883	868	841	821	·802	·781	·760 ·788	.7
	5	777	·797	1820	1850 1794	·875	·886	887	·879 ·806	·853	835	824		828	819	845	861	.868	867	852	*825	798	'774	.754	732	-8
	6	-	-		_	_	_	-	_	_	755	.722			731	756	.774		-774	713	.742	714	701	698	686	.7
	8	1698	·691 ·709	·706	723	·747	770	·770 ·799	·763	·745 ·803	736	.780		·744 ·798	·759	·784 ·835	·808 ·852	·815	·808 ·859	'791 '845	·772	*813	720	772	·700	7
	10	744	754	·771	·796	·838	'848	1834	·828	920	·816	'818 '779	·819	·833	·845	862	·876	843	874	*848		775	·752	·741	730 687	-5
	11 12	·673	693		736	765	783	789	.785	776	754	739	739	752	760	-787	825	836	828	812	786	758	738	708	1684	.7
22	13	1	-	_	mine	773	_	*804	.779	773	.761	.756	.754	764	780	-811	828	·836	-836	821	-801	781	746	.724	.707	-7
1855	14 15	·705	·717	·729 ·721	·763	·798	'813	·824 ·797	·799	774	750	·732	·733	746	·754	·774	·792	·799	·801 ·789	·794 •768	783	·764	735	·723	·669	.7
MAY	16	-669	685	699	·720	·737	*765 *755	·768	749	739	716	·699		712	·730 ·754	-743 -773	·768	774	·778	766 752	752	727	·712	683	·653	:7
24	18	646	669	693	709	.733	.728	.745	743	.718	700	688	673	670	673	692	.713	731	724	-712	601	661	638	621	-606	·é
	20	599	-616	.631	-661	-676	706	·69·4	-675	eus	703	745	745	-757	766	786	-802	817	-803	790	.766	740	.712	700	-692	-7
	21 22	698	·705	·716	-749 -727	·764	·776	786	·782	·768	·741 ·696	·720 ·696	·720 ·693	·732	·761	·781 ·733	·793	·821 ·756	·816	·799	781	748 685	*718 *656	694	·676	17
	23	-629	·646 ·603	634	659	·669	·673	·681	*664 *659	·655	630	·653	·648 ·636	·655 ·653	·665	·689		·720	·730 ·716	·727	689	652	637	601	·594 ·593	.6
	25 26	.596	.606	-636	.661	682	-689	684	-667	653	-635	624	633	654	683	688	-709	-713	709	-691	668	644	623	605	-603	.6
	27	612	-632	-662	_	.704	-714	714	-703	.692	676	-661	-662	-675	704	-725	.739	-758	758	743	-722	695	-666		632	
	28	·641 ·689	·647	*670 *729	*694 *737	708	718	·723	713	·699	·686	·679	·682	·698	721	·758	·772	.776	·774	*759 *808	·740	·710	·683	*674 *792	·667	-7
	30	·715	·728	.751	·766	769	781	778	768	·753		·723	674	·730	·740 ·691	·755	·770	·772 ·733	769	·757	·725	·694 ·652	·668		632	-7
			_			·706																				
Mea	na.	679	.692	.713	736	.758	.773	.775	.763	749	•735	726	726	737	·751	771	780	799	797	781	·760	.734	709	.691	676	0.7
											-(r)29 *		**0018													
	1 2		670		724	739	.745	748	0710	738	_	0471	0.666	-	0-686	0718	0 741	0746	0743	0.731	0710	0-694	0-687	0-650	0-857	0.6
	3	657	674	725	·798	7.17	.762	774	.771	758	735	·738	·738	·747	764	778	·784	·789	·788	·763	·741 ·716	·713	·701	·676	·633	3
	6	649	619	.676	.693	.720	.739	.737	.722	689	-680	.678	.680	691	.711	.729	.733	.736	737	.712	683	.666	646	'621	-603	.6
	7	603	.614	-671 -630		*706	682	·706	·696	695	·659	·649	·652 ·637	·639	·692	680	·727	·729			65.5	·668	·639	.591	582	-6
	8	628	614	666		778	719	·696	·677	·662	.649	.642	641	649	.661	687	713	718	719	712	683	.668	-646	625	.650	.6
	10	-663	-694	709	-727	748	.770	780	754	754	·722	*730 *737	·728	736	·761	·789	·804 ·808	·817	·816 ·844	·797	·766	·750 ·768	·731	707	*692 *779	3
ć,	12 13	748	·766		.786	803	-822	829	827	*809	-785	.768	.767	775	783	.787	*808	832	.839	.832	801	.770	-748	'723	700	
1855	1-4	677	.694	.701		.743	769	.784	.77-1	·753	.737	·729	·743	·766	791	·794 ·809	·815	1842 1821	*845 *811	·820 ·795	.772	·781 ·748	·746	'703	688	-7
UNE	15 16	.691	*677	'714 '692	.738	758	·784	1804		·801	-797	799	783	776	-779	.793	795	814	-825	-800	.772	752	728	708	680	1
30	17	636	646	_	-683	701	716	400	717	703	·709	·681	·691	710	·722	·743 ·738	762	·782	768 753	·753	731	·712	688	666	640	-7
	19	-622	.626	655	-676	.700	725	.733	.733	.730	.719	-714	.706	·704	723	.737	.753	.761	.768	.750	.723	.699	672	651	624	3
	20	628	·680	.708	·671	*691 *734	706	719	'717 '750	·711	·697	·689	·688	·697	·708	·728	·744 ·758	•758 •760	·762 ·758	·747	·734	·708	·679	661	663	- 7
	22	·667	·692 ·667	·724 ·692	.728	·756		.794		783	.765	704	750	-756	-760	773	774	761	760	.739	.724	718	689	672	664	
	24 95	-669	-684	_	-	-	_	_	_	_	.701	702	.702	712	725	746	764	782	793	.770	739	718	:697	680	667	- 7
	26	618	-633	654			·778		·777	·776	·752	·735	·733	·741 ·685	·748 ·692	·755	·767	·770 ·735	·772	·764	·721	·668	613	612	628	-6
	27 28	'573 '558	·592	-591	.608	·630	'650 '664		·644 ·659	·634	·630	623	·610		·627	·615	*665 *690	·675	·676	·660	699		665	628	605	-6
	29	*582	.593				-713		.723		700	-688	678		-694	-725	.747	-766	764	·768	.735	720	700		669	•

<sup>.</sup> The numbers in these columns are not observed but interpolated for the sake of obtaining the daily Means, and the small figures heading them are the corrections of interpolations.

BAROMETRIC PRESSURE.

Barometer at  $32^\circ = 29$  English Inches + the number in the Table.

can fu	10	Noon	. 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	23	23	Paily as
Madro Iosa Ti		1. W	h.us. 5,11	6.41	h. m 7 4)	h, 14 8 41	h, m, 9.41	h, m 10, 11	11,11 11,11	h-m 12 4€	h. m 13,47		h no 15.01		h m 17,#1	h. m 18,41	12,41	b m, 20,41	հ տ. ՏԼՈ	h. m. 22,11	b. m 23,41	h.m. 0.41	h.m. 1.41	h.m. 2.41	h m. 3.11	Nesss
	of the last of the	Íų.	lu.	iu.	lu.	lu.	ln.	ln,	lu.	in.	ln. -0020	In.	In.	lu,	lu.	ln.	ln.	lu.	lu.	Iu,	ln,	In.	ln.	in.	10.	In.
une.	30	0.686	0-700	0.509	0721	0:117	0764	0-708	0:14	0740	- 05288	0:20	9711	-	0:0:13	-	_	_	0:161	_		0.657	_	-	-	_
	2	612	621	631	647	677	673	-683	688	681	675	673	679	.693	*707	724	726	744	735	716	686	655	6-619	0-617 -626	0 6kg	0.71
	3		790	1654	·673	*680 *785	712	732	·717	712	707 781	706	7713	731	739	765	1777 1837	791	795	·779	'768	752		·714	708	.75
	4		720			1820		1857	.843	814	2808	800					'867		1868	1858	830		776	762	730	·78
	6	.725	748	751	.771			'834			*500	'800	.280	.900	.791	.802	809	.826	.832	827	1808	.773	739	.717	702	-78
	7 8	706	716	725	.240	.771	776	779	791	777	-748	724	-713	.713	.721	742	.764	.773	.770	760	739	.713	-688	657	645	-78
	9	-667	681	.710	·736	749	743	·761 ·739	752	732	724	721	·722	·730	·735	753	.766 .768	:781 :777	781	771	743	717	694	676	659	.75
	10		658	-676 -636	·659			739	727			701 681			608	711	'730		7774	751	738	693		648	624	-71
10	12		636	-655	675			727	.209			700				758	'772	786	'789	'782		.739		(690)	677	-71
20	13	-668	679 748	·704	·738	805		841	866	·793	.787	786	781	784	791	826	*837	.849	.849	837	.825	797	.778	'754	725	*78
MILY	15	_	_	ma	-	_	-	-	_	_		780					.780	.799	.803	'802		.775		714	694	-78
3	16		676	·658	·706	'731 '713	747	761	730	707	'701 '715	1700	·690	·688	701	717	736	.751 .779	747	726		698	-669		-637	·70
	18	-649	678	688	.717	.756	'737	700	744	.737	.430	727	730	7.40	754		784	790	.794	787	'764	'746	.714	685	665	-77
	19		667		·735	741		761	748	725	719	717	718	727	744	·770	779	785	·786	*773 *785	758	730	689	657	639	173
	21		.719	-736	.778	'800		811	805	.799	_	-	_	_	-	-	-	-	_	Tarras .	-	-	-	-	-	-73
	22		709	-718	735	749	757	754	.736	.797	·787	779 725	'780 '724	·789	·795	·815	·831	·843	·841 ·775	'823 '762	'809 '738	·780	·750	726	635	173
	23		649					725	723	707		703	-706	.716	.735	746		-778	-770	763	.736	.710	*683	659	649	·73
	25		660					753	*741 *756	719	'708 '736		706	·717	722	·730	755	·767	·770	762		'715	680	·656	642	*71
	26		·670 ·697	715	723	741	.764 .781	774	786	740	753	736		756	766	787	793	1808	-809	793	·774	754	720		685	74
	28			.726	749	768	791	'803	795	782	_	-	-	-	-	-	-		_	_	-	-	_	-	-	_
	20	671	-878	690	711	746	767	773	.761	751	761	745	737	·737	·751	7771	·783	·787	·783	*775 *781	745		697	1681	677	74
	31		702	709	750	752	760	761	746	735	726	721		.725	740	.760		785	.793					483	685	-73
Mean	8.	670	-683	.700	·725	*747	763	.772	.760	•747	·736	.730	729	.736	748	.767	.762	.793	.793	·781	·761	.735	.708	-683	.669	0.73
											-0016		1000													
	1							0-813 -781	0.803	0.700	0771	0-751	0-749	0.710	0-775	0.795	791					0.763	6731			0.76
	2			'721 '681				743	7728	740	·734 ·696	688	691	609				778	768	756		·729 ·696	693		614	·74
	4		.053	676	.703		.757	757	.719	708	_	-	-	_	_	-	-	_	_		_	-		_	- 1	_
	6	-662	680	695	716	746	.758	763	745	724	706			719		762		778		·756		·722	679	667	644	·71
	7	·640	646	672	.696	713	.719		.208	690	.640	671	.023	678	695	723	744	751	.750		'709	683		639	623	.68
	8	-615	655	646	·703	723		-734	720		704	·676		678 725	·697	756	739	783	745	727	708	744			638 710	·68
	10	.708	.724	744	768	'798	829	835	.838	817	799	786						881		765					759	-80
	11	.759	.785	-810	.835	-853	870	-872	-864	1854	814	778	768	764	785	810	840	870	875	864	852	829	.609	800	777	-85
'n	13	771	779	-811	823	.803		-867	864		.832	818	1812	811	825	852	801	881	883	879	857	824	786	774	775	*63
2	14 15	'777	'789 '828	843	843	'871 '876	188	·883	1881	'864 '869	856					686 BHI					·860	839	789	77.1	799	·85
15	16	'762	782	798	'816	.838	859	-841	2841	'831	817	808	815	827	629	837	877	889	884	864	840	'800	771	755	732	162
AUGUST	17	747	759	777	755	784	803	-842 -787	781	775	800	795	791	792	800	819	.843	855	-841	822	796	769	745	721	708	.79
5	18	-	_	-	-	-	-	-	_													764	732	727	726	.77
-	20	727	743	752	·769		'759 '803	788	784	775	760										754		691		715 661	177
	51	(650)	661	689	.704	'726	746	.756	742	729	717	709	708	713	727	734	762	760	753	748	726	703	685	659	634	71
	23	'630 '706	659	·692	7710	745	'779 '809	-748		733	719	709	708	712						304°			712		702	-73
	24		713	746	.803	777		798	780		_	_	-	man.	_	_	-	-	_	_	-	_	-		683	77
-	26	-	-	-eu-		-		788		-	728	695		712				777					682		651	.73
	27 28	1652	·663	668	679	749	760		761			692		·708		717	739			752	730		673		644	71
	29	647	663			.721			725			692			700	723	740		753	745	725	697			644	70
	30 31		677		719	·728 ·741		776			730 752	736		740				779	796 778	771	745	702	·696 ·674	668	663	73

<sup>\*</sup> The numbers in these colours are not observed but interpolated for the subset obtaining the daily Menns, and the named Squire heading them are the corrections of interpolations.

#### BAROMETRIC PRESSURE.

Barometer at 32° = 29 English Inches + the number in the Table.

Gotting Mean T	take mostly	Noon.	. 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	July a Month
Meir Mean	ime.	h m. +41	h.m. 6.61	h.m. 6,43	5, m. 7, 41	h.m., 8 41	h.m. 9.41	h m. 1041	h.m 11.41	h. us. 12.41	h m. 13.41	h.m 14-61	h m. 16-41	h.m 16 sl	h.m. 17.41	h.m. 16.41	h.m. 19 41	b,m 20.41	h. m. 71.41	E m. 92 41	h m 23 41	h m. 0.41	h on. 1.11	h 46. 9.41	3.41	Мон
		In.	In.	In.	In.	In.	lu.	In.	In.	In.	In. 0027	In.	In. -0057	In.	In,	În.	ln.	in.	ln.	In.	In.	In.	ln	In.	In	i
	1 2	0-658	0-676	0488	0-719	0.742	0-770	0-720	0-741	0-743	0.763	- 9287	6-783	0-791	07007	C+119	0-827	0840	V632	0-824	0-196	0-762		0-201	0-196	0.7
	3	·697	717	738	767	.808	820	823	812	810	794	790	768	798	823	841	854	858	*848 *871	·840		774	743	731	727	- 17
	5	.735	750	754	778	·808	827	827	827	.793	.787	.788	782	787	'808	.811	*835	'841	-836	826	-791	-765	731	704	793	- 7
	6 7 8	·699 ·703 ·719	716	733 730 759	776 764 803	798 833	·805 ·808 ·859	'808 '804 '879	'795 '801 '872	-799 -788 -866	784	·775	778	·792 ·785	·804 ·790	·827 ·817	841 842	'856 '856	·856	832	·800 ·810	760 781	729	·714 ·731	·702	- 1
	9	-	_	-	_	-		-	-	-	829	798	1801	815	·829	846	872	891	887	879	856	825	·785	772	758	.8
	10	·765	825	1802 1838	·833	853 884	902	907	903	-881 -893	·876	·878	856	·868	'894	937	930	947	946	939	908	·880 ·868	823	·830	1800	.8
1855.	12	·810		837	·878	894	·910	908	910		·861 ·889	847	'859	911	.893	1898	918	938	924	'899 '908	·878	845	828	1824	'804 '816	
	14	·823 ·795	837	864 835	·873		869	917	897	·891 ·847	-876	-868	864	-871	883	900	923	928	926	923	900	-866	834	811	799	1
SEPTEMBER	16	747	765	792	-814	821	-840	840	-830	-	-826	·812	:811 :km	·822	826	1833 1846	·856	·867	1869	1854	832	*803 *809	768	749	743	-8
Ħ	18	749	.761	.773	.788	'804	814	821	.811	807	-803	805	804	815	833	850	874	874	861	'854	815	789	766	740	.726	. 1
SEI	19 20	733	728	768	·795	'814 '804	826	·809	·789		·780	·781		*785 *804	819	839	859	-862	*857	'820 '842	811	784	750	.726	720	- 3
	21 22	720	733	754	·774	.830	·816	813	810	·797	789	-788	_	784	'796	824	-841	853	.825	832	-815	.772	745	721	737	- 3
	23 24	689	709	743	-779	804	.818	-821	-812	-803	·800	·785		788	1804	770	·849	'856 '825	'844 '844	1830	·799 ·825	768	730	742	·677	3
	25 26	735	·754	791	-823 -838	*841 *876	847	835 883	827	820	·801 ·846	788	.786	.795	'812	'847 '869	-867 -886	877	872	*868	841	826	789	767	767	- 1
	27	.771	782	.808	.839	*861	*889	885	.872	.851	*843	842	'828	*826	-830	843	'864	871	'867	'854	825	812	776	.757	737	1
	28 29	740	761	788	·825	*842 *828	865	857	·841 ·812	·828 ·792	.812	.803	'781	771	-795	821	-842	870	'868	*844	-820	783	763	-748	727	1
	30	-			-	_	-	-		-	766	.747	*740	744	.766	784	.812	.843	853	841	814	-774	732	719	725	
Mean	18,	.744	·759	782	-809	·832	-845	·848	-837	-828	*814	-808	·804	·813	-827	-843	-864	·875	·874	-861	·834	-803	•772	·759	743	01
											0057															
	1 2	793	9021	0-778 1828	01810	0:831	907	0643 -884	9882	9819	952	9798	9841	19790	·863	0819	885	1800	903	0.839			816		799	0-1
	3	814	·830	1859	852	899	·908	·893	885	·866	852	·846 ·803	-839	841	856	879	868	*899	900	884	855	-816	.784	.776	.770	4
	5	770 755	762		-820	835	1849	-847	846	'818	.798	787	787	797	806	828	854	873	.881	-868		-816	793			4
	6	-784	796	-819	.843	868	881	-885	864	'848	792	745	-738	741	753	.793	-813	832	-835	822	-800	-762	-729	-710	-704	- 3
	8	·709	·721	·743	'766 '744		799	·791 763	766	760	·741	730	.722		739	·745	·769	794	*825	·790 ·809	·752	·723	·693	·663		
	10	.723	.733	.770	791	.805	817	809	.790	.779	767	764	.761	-768	.775	.800	-832	847	856	1844	-838	.798	.771	.744	-741	
50	11	'756 '756	·763			851	·843 ·865	·836 ·857	·830 ·843	.820	·788 ·806	·780			*831 *836	·847	·888	-851 -900	1903	·853	·841 ·864	·818				
OCTOBER 1855	13 14	.803	.853	-846	870	-886	-893	-900	-891	-863	-856	857	-850	-853	863	-890	904	915	915	893	-878	-841	-814	-807	-802	
BE	15	·807	818		849	877	·890 ·881	888	·885	·873	856	848	'850	·861 ·832	'870 '846	·891 ·867	912	925	922		865	·841	*804		.776	
Ĕ	17	758	.776	813	841	'869	878	-867	.834	.813	798	792	.799	*816	1829	858	.876	.891	891	.880	841	807	-794	.775	.771	
ō	18 19	764				'864 '834	·861			.790	.784	794	789	*793 *785		832	·851	854	·864 ·853		·802	·776				
	20	'761	7772	815	-846	850	*870	'864	*852	846	-657	877	-882	-807	911	947	972	-999	-992	984	-954	-999	-591	-867	-863	
	22	'873 '886	*895		951		964	1956		934	-922	918	927	.945		974	979	990	994	979	947		-870	-865	.873	
	24	854	857	*884	*869	*895	897	887	-889	887	848	837	.835	846	*866	1895	*909	933	938	923	1888	*855	-825	*812	814	
	25 26	·830	.878	896	927	-950	928	957	938	936	-920	·893			932	·953		1991 1984	997			912				
	27	-860		*898	-929	959	991	955	930	-903	913	-931	934	947	959	977	993	1-009	1.008	-999	-963	-930	-900	-887	-884	
	29	895					979			959	.934	925	922	.930	936	956	-968	0.972	0.969	951	920	*898	-882	*873	879	
	31	1887	918				976			938	927	921				-961 -962		999	1.004	986						
		1														_										-

<sup>\*</sup> The numbers in these columns are not observed but interpolated for the sake of obtaining the daily Means, and the small figures heading them are the corrections of interpolations.

## BAROMETRIC PRESSURE,

Barometer at  $32^6 = 29$  English Inches + the number in the Table.

Mean		Noor	l. 1	_ <u>z</u>	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly
Made Near E		P. M. h. 19. 4-41	h. m. 5.4)	6.41	h.m. 7.41	h.m. 8,41	h.m. 941	h, m. 10 41	h. m. 11,41	h.m 12,61	h m. 13.41	h, m 14.40	h. m. )5-#1	h, m, 16.41	М. m. 17.4)		h. m. 19.41	h m D>4)	h. m. 2) 4)	b. m 12,41	h. m 23,41	h.m. 0.41	h.m. 1.4)	b. m. 2.41	h. m. 3,41	Monthly Means.
- Sales in C		In.	In.	lo.	In.	ln.	Iu.	In.	In.	In.	In. (1)34	In.	In.	Iu.	la.	In.	In.	In.	In.	In.	In.	In.	ln.	lu.	ln.	ín,
	1			9-947																0-942						0,919
	2	845	888	904	939	958	961	951	932	911	.884	*860	856	864	881	*898	924	.946	932	100	.874	858	.831	.826	.837	.898
	4	-	_	-	-	_	_	_	_	_	'890	877	877	.888	915	925	943		973		929	906	.890	873	-877	90-
	5	887	909	928	948	960	963	954	936	932	917	.908	905	915	926	943	958	1.005	980	967	940	915	1887	913	909	-925
	6		.921	929	1698	3896	984	977	963	939		920		930	943	964 973	989	1,002		995	974	937	928	-891	'890	954
	8	908	945	932	984	-990	984	980	963	955	924	'896	*899	913	945	964	982	'003	-000	*990	963	930	904	*890	'888	.948
	9	.893	915	948	.970	986	988	978	967	949	932	.318	.916	925	937	.961	994	'018	-017	1.009	983	953	926	.915	920	95
si i	10	.931	952	973	1.002	1.012	1.030	1.026	1.021	997	985	978	974	982	1.000	1.011	1.033	057	046	.031	1.002	.969	.039	924	919	-999
32	12		941	963	0.983	0.000	0.993	C-991	0.933	964	946	932	929	937	0.035	0.976	0.997	110	.014	0.996	0.976	944	924	.908	904	96
	13	911	927	950	.969 .996	977	.986	973	965	939	969	923		921	.935	.956 1.001	980	005	004			944	925	923	913	.95
8	14 15	930	956		1.015	.021	1.014	1033	PORT	1.008	.986	962			990		.030		-055	1.041	4009	974	942	997	995	989
3	16	931	944		0.980	(00)	.011	.007	0.094	0.989		958	956	965	.981	.005	.051	()43	-051	028	0-990	.868	934	927	936	98
NOVEMBER	17	950	957	980	1+004	-015	016	.013	1.003	987	958	.833	935	949	965	0.005	.016	.031	030	-011	.990	957	930	919	914	-97
ž	18 19	924	943	962	0-976	0.289	0.330	0.970	0-968	963	950	941	940	950	968	987	1005	.053	.027	1009	985	952	934	920	926	-96
	20	935	958	976	1.007	1-037	1.030	1.054	1.000	.990	976		965	975	985	1.009	1042	1059	·062	*056 *087	1-033	1.004	987	972	969	1.00
	21	1-000	996	1.013	-040	.080	1085	079	-044	1.053	1.014	1.008	1.018	020	1.030	1017	069	101	1096	1087	1056		1.000		1-002	*03:
	23	.013	.03:1	.028	'070	.088	-097	.091	.072	'060			•315		'049	067	.003		113	108	085	.049	011	992		-05
	24	0.993	.005	027	.061	.023	-090	.080	.077	062		.053	1093	034			-087	106		105	-086	-061	1038	-	f-113	_
	25 26	1-018	.025	.050	078	1059	-095	104	.092	067	*040 *055	.078	046	058	.046 .071	084	100	1114	1113		065	-038	023		.011	105
	27	-023	-037	057	.081	'095	.103	.0548	.085	.065	045	028	.012	'013	.033	.054	085	100	100	*085	.054		.015			*05
	28	016	.036	1052	089	.063	.101	1095	*010				.050		.046		-096	115	107	071	059		0.994			105
	29			005	023		.029	027	0.998	0.968	0-951	937	-928	930	950	0.967	0-987	1001	0+996	*033 0+982	0-945	923	901	897	909	0.96
		<u> </u>											-													
Mean	18.	943	-959	-980	'005	018	-023	-017	-003	-986	970	957	952	958	977	-997	.010	.040	*040	-023	-998	.869	'944	-932	-933	0 985
											-0013		-10050													
	1 2	0.930	0.372	0.366	0-29)	1.307	9000	0-389	0-974			0-913	0-945	0-919	0.928	1:005	1-020	1:00	1:011	1-041	1 000	0-204	0-947	0240	0214	0.985
	3	-973			1.053	.070	*071	1-065	1-136	1.013	1.001	.891	.981	983	1.008	.026	.056	.068		.040	.006	978	958	949	954	1.016
	4	967	985	'011	'044	051		043				980		991			051	.065	.053		0.998		945	933	937	-007
	5 6	955		997	013	.050	0.51	.011	0.993	0-990	983	954	951	1979	0-979	012	1042	'047 '032	039			972	945	934	*961 *931	9987
	7	943			2110			.053	1.012	1.001	985	970		979	987	994	013		.036		1-603	983	961	951	952	-993
	8	.961	982	1-005	-023	.631	.042	.041	029	(KIS)	980	954	965	987	-991	1.006	1028	053	1058	.049	027	-991	967	953	953	1:004
	10	961	.972	0-081	.000	018	031	034	013	110	994	979	.980	.992	1.006	'023	'050	074	.073	-056	.058	1.005	989	974	970	*009
	11	977	986	1.007	'034	.025	(0.59)	.028	.043	.029	1:018	1-008	1.001	1.000	.050	*038	:061	.077	'080	-068	.045	*008	984	978	966	'025
885	12	981	1-002	015	0.971	0.17	0.287	0.36	0.972	963	*953	9145	946	4979	978	0.063	.011	020		020				·914	913	988
	14	944	953	.976	-999	1.010	1.014	995	989	973	968	964	963	973	-998	007	049	071	071		.035			956	947	995
ER	15	964	976	1.003	1.035	-046	.021	1.016	1-024		1.004	995	-002	1.000	1.022	049	.073	-097	101	-091	057	-013	-991	-966	964	1.024
8	16 17	974	.989	'007	034	053	.054	0.50	'012	022	017	1.013	1.008	*015	1.022				107	1091		032 1		996	-999	1.024
ECEMBER	18	1.001	1.059	054		'086	.092	'094	'078	*070	.023	'037	.037	049	1060	.081	106	120	117	.093		028		.993	991	*059
2	19	1-007	-031	049	062	1081	090	080	·077	068		052		030	1057	080	102	·111	104		1068			·997	995	1056
_	20	0.995	1008	*031	'059	1064	073	067	059	.043	027	1012	005	.009				-069	.068		.018			950	956	026
	22	961	0-967	0.287	.015	.026	025	*015	.006	L-987	-	-	_		-		-		-	*		-0.18	-0990	910	-	-
	23	933	.0.18	2080	0.085	-009	0-222	0-993	0.977		0.036	957	0-022 '949	953		989	0.059	1007	'010	4M)2					-916	978
	25	950	962	983	1.003	-058	1-027	1.021	1.003	994	987	982	975	1979	.996	1.013	.035	:059	'061	1146	'026	998	978	'966	970	1.002
	26	977		1.018	1034	1048		024	·010	991	979	968	960	963	991	0.995	1021	036	040	.020		972	1951	940	935	0.997
	27 28	948	.961		0-097					972	985	924	976	980		1.008		1018	018				919	903	.806	1968
			926		971					933	-	_		_	-	-	-		_	_	_			935	-	-
	29			-	-		-		-	-	914	.898	.897		927	959	0.987	008	.016	·012	991	999	945	935	946	1.009
	29 30 31	954	969	,989	1.014	1-031	1.037	1.022	1.003	*959	974	.961	.929	968	Sign	1.009	1.010	004	004	000	1.002	930	310	011	910	1 002

<sup>\*</sup> The numbers in those columns are not observed but inter; claired for the sake of obtaining the daily Means, and the small figures heading them are the corrections of interpolations.

Hear I	int.	Noon	. 1	2	3	4	8	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	žL	22	23	
Medi Mesn 1	100	P. M. b. m. 6.48	6. m 3.47	h m. 6.41	h m, 7-44	h. m. 5.45	2.41	ът. 10,81	b та 11-ні	l m.	h.m. 13.61	3. m. 10 41	h m In si	h m 16,kl	3.00 17.41	h m ln,si	h m in si	h, e, N-si	h m	b m ti.el	h.m. 21.40	5-m 0 at	b. m. 1,41	h, m Lei	b n. 5 41	Butra Ness Ness
		0	0	0	0	0	0		0			0	:		0	0		0		0	0	0	0	0	0	
	1 8	76-6	77-0	769	75-9 77-9	75-7	75-3	75-9	746	73·5 75·1	729	79:3	783	723	717	71:5	780 757	753	773 767	797	90'0	80°4 80°3	80:5	80°3	80'5	75
	3	77.7	771	765	76 2	769	756	756	75-5	753	750	747	747	747	736	23:4	745	760 794	77-5	804	8019	81.3	H2:3	820	81.5	75
	6	80'6	79'4	78'6	76'8	7814	78:4	76.0	75%	75.6	75-2	749	747	74.4	13.5	738	757	781	80-4	77-0	76.5	785	50°B	818	81.6	77
	8		807	79.4	791	78:3	78-2	77-6	77.3	766	765	7610 7613	760	75-6	755	764	773	79-6 79-4	814	N3:4	N3'9	844	24.4	142	840	76 79
	10		8078		79:3	789	78'0	22.3	764	75-6	75'2	750	7511	75-0	742	74'2	763	793 786	810	K3 0 828	K3'6	83°3 84°5	837 840	N31	833	78
rgi	11		80:3			781	78.0	77.8	77'9	763	75.3	743	749	73-6	136	730	753	77'6	8010	K20	N3'B	853	846	84%	63.7	78 78
1855	13	83.7	820	79-7	7912	781	773	76:5	73-6	75-0	791	_	723	783	71:7	71:3	7212	7610	79:0	B0:5	81-8	824	81:1	51.6	81:0	77
ANUARY	16		78:3	769	75-5	7510	7316	731	71:4	70:5	70'0	<b>FD</b> '5	689	653	68:0	684	71:4	74% 760	774	79:0 51:5	807	81:5 83:4	81-2 83-0	N1 2	81·8 62·1	74 76
N.	17	877	7911	78'6	77.7	77.5	77'5	77.0	76%	785	761	75.7	70.7	75.7	75.0	749	75 2	75-0 78-8	76:3	780	K1.3	828	83.0	16312	823	78
Š	19	80'S	798	7916	7916	79'5	79-1	79%	78.5	78.5	7816	787	78-G					BU-7								80
	21 22	-	_	77.7	_	-	_	-	_	_								793								79 76
	23 24	29.8	7910	77.6	76%	76'6	76.6	76:5	75-4	729	71.7	7015	703	700	688	6816	71.7		77.8	795	817	025	117	816	N0-9	76
	25	79-7	78:1	767	75 5	73%	723	714	711	705	700	GF 6	68'5	6819	673	6710	E3:8	73.3	76:4	78.9	795	SITU.	NITO	NI3	79-7	74 78
	27 28		79-1			7378				711	_	-	-	_	-	_	_	7510	_	_	_	_	_	_	- 1	75
	20		79-0	77'6	771	179	761	781	767	76:5	763	761	75%	75-5	755	758	77.5	79-0	810	N2-0	NS®	83:5	82-5	840	829	28
	31	807	79-3	77-6	77	168	75-6	741	725	720	71-2	70-5	70-4	70-2	70'0	697	729	76-7	78-4	79 4	812	61.2	81-7	810	80-6	75
Mess	nd.	80-6	79:9	77-9	77:5	76'6	761	75 6	753	747	741	73-6	73-4	7310	728	78-7	747	77*0	79'2	80.8	818	823	823	823	81'8	57
											٠		•													
	8	79-7	78.2	763	747	735	79.4	71-6	707	703	63-8 63-6	69H)	69:7	689	68:2	0.3	70-8	74-9 74-4	22-2	79°5 84°4	8016 8008	81.7	613	61 Y	80-6	74 74
	4	-	-	-	_	745	_	_	-	_	71-3	70-9	79-5	70'0	69-6	69-8	72:3	75-0	79-3	80.9	817	82-8	827	88.5	6210	75
	8	81.3	80.0	78·1 79·0	767 785	76·5 78·2	780	7810	757 776	77-4	77:4	77:5	77 0	77-5	77-9	77:3	7819	80·8 79·5	79.8	80.7	81:4	M2-1	F28	62.2	897 817	76
	7 8	807	79.5	77:7	77:2	76.6	75:4	70:4	7510	72.6	71:3	70.0	6918	FR-1	65-2	69:2	71-9		782	786	51.5	820	828	82.5	82-1	77
	10	79-7	78-0	77:3	75-9	75:4	75-6 76-0	16.3	75-3	75-0	_	_	-	_	_	_	_	77-0	_	_	_	_	_	-	- 1	76
1855	11	80-3	78.7	77:3	76-6	76.8	75-3	73-6	723	71-4	70.8	7013	69:4	6815	68:4	68.8	723	77°0 75°7	79-5	80.8	81.3	81-3	81.8	62:5	80-7 82-1	76
	13	80.3	79.0	79.8	76-1	24:5	74.5	7314	79:1	71-5	71-9	71:0	70-8	70-5	7014	60 B	70-4	77:3 76:4	78:3	79-7	FO:S	K1:5	81:7	89.0	ALM:	76
E.	15 16	81.7	80.0	77-5 77-7	772	76:7	76.4	76.6	75-9	75-9	739	70%	70-1	20-2	69-5	20.1	727	77-0 78-3	78-9	81.2	123	12.3	835	835	83.0	76 77
PEBRUARY	18	-	-	79-6	79:3	-	-	-	_	78-0	77:7	78-0	77-3	700	7619	763	77:0	79.5	81-2	802.6	85 6	84-8	81-3	821	8314	79
(A)	29	843	82-5	79·7 80·9	80:4	79:3 79:9	79-4	70-3	79-1	78:9	78-4	77-9	77-6	77:2	764	70%	79-9	79·4	R2-2	85-8	NG 7	167	RC9	86.7	85.7	81
	21 23 93	85-0	H3-1	81.3	80'8	90°6	800	80-1	5010	79 %	79.7	79-6	788	75%	77.0	76 4 76 6	79:5	81.5 82.3	84.4	868	670	85.7	86.3	FIG 0	85.7	81
	24			81-3		80-7				79-5 80-0	_	_	_	_	_	74-0	_	_	-	81-9	_	-	860	-	-1	193
	26	84 0	823	61-0	80-7	50-5	80-2	79-6	79-1	79-5	79-9	79-0	764	70-5	761	75-9	75.7	519 520	52.5	843	KI S	N40	84.3	851	BATT	81
	27 28	83·3	91.8	79-6	79-2	NHI 78-6	79-3	77 8	78:3	75-8	77-9 76-1	76-1	761	731	72-0	745	26.6	80·4 81·1	83.0 82.0	84.2	27.2	92.8	84°b	841	P34	28 28

The sources a time relates are not observed but asterpointed for the mas of obtaining the daily Mesna,

												STER									_				
Gettingen Mean Tour.	Noo	, 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	ls	19	90	21	23	23	Pathy
Madros Mesa Time	1. so 6.61	h es. 5 41	h m. 6,41	b-m. 7-st	h, m, 8-41	h ns. (6.4)	in m. 10 st	h.m. 1),41	le di	ħ.ñ	ь м. 14 (1	li-m. 16-11	h. ns. 14 41	h m. 17 st	h м. 16.41	h m. 12.41	h m. 204)	k n. 11,41	h na 52 ti	h 14. 23 13	9.44 0.44	l, m 1,61	2 ti	3.68	Ne
- Carlotte - Miles	0	0	0	0			۰	0			0					0				0		0	0		
1	842		79°7	79:4 80:0	79.6	7913	79'0	79'0	78.5			74'3 77'4		73·4 75·5	73·8 75·9	76:4 76:2	79:7 81:1		8414	84'8 85'5	8514	85°1	85-2 87-3	84°8 83°8	7 8
-	-	83'4		_	_	80'6	500	_	79'6	79:3	79°2		7910 7817	78-6 78-5	79·4 76:6		83'4	82.5	A6:3	50 8 85 3	56'8	873	861 8519	86 3 84 8	
- 1	850	83 2		81.5	80°6	8073 8076	79'6	79 6	78'6	79:3 77:8	77'0	760	750	74.6	75'0	77'9	827 814	83.7	841	84.5	84'5	89.1	84.5	847	
7	557		Hr9	800	79·7 79·4	7816 7817	7819	77:7	77'9	76°3	750	747	743	73.7	73°3 73°5	78'8	81 to 79 8	82-2	83:4	84'6	851.4	8519	85.5	8515	7
16		83'0	81.6	80°0	79*4	78-7 W/6	7H'3	77:4 80/3	76°1	75-2	74'4	73.9	73.4	73.0	73.7	22.3	8978	83-8	4114	86.4	-	-	-	861	8
11	-	889	_	-	79.9	79.6	_	78:6	78:0	78·6 76·3	77°6	76'6	75.5	747	74.5	77.7	820 81:5	84'8		8614	861	863	86.0	85-6	8
g 1:	B-8 C	620	807	603	arg	79-4	78-9	77:9	76'0	75:3	74.7	73'5	72.2	71'6	755	76.6	Sirg	828	84.8	86'2	1600	85.5	86.5		7
		R3'4	H12	80.7	80°0 79°7	7914	793	78-8 77-6	77:8	76.6	74:5	74'0	73:4	72'5	73'4		81-7	84.8	80'4	87:4	87-9	882	67:6	87:3	. 6
MARCH	1 86:1	8110	51'6				80/3 79/7			79:3	787	77'5	76.3	75-2	75-8	78.0	62-0	8516	80'5	873	87.8	87:3	67.2	98 ti	8
NA.	- 1	_	-	_	***	-	79.3	_	78:2	77-7	76°6	75.2	74'4	737	7414		823	84.8	85'8 80'6	865	87:3	87-2	86'7 86'7	86.4	8
91	877		N2'N		51.0	80.7	80 4	5010	79'5	783	77.5	765	75'3	753	76:3	79.6	83'4	862	SN'A	89.0	891	893	89.0	88'1	8
91		818	83'4	82°7	H2'4	817	81.5	81:1	80'8	7818	7714	76'8			77-9	HI'S		87.2	88'8	89.6	89-9	89.6	89'6	NN 7	N
20		8514	83 B		81-7	81'6 79'0	80°9 78°5	79°5 76°7	77:7	76'8	760	75.2	74'3	73 H	74.8	79*4	83.6	83'4	861	870	87'9	813	865	86'3	
25	1 -	-	-	-	-	-	_	_	-	77:3	76:8		75-7	751	761	79-9	8316		88:1	88-9	89-6		90'8	89/3	8
20	1 88-1	864	84'4	83/5	83°0	N26 829	823 823	81-3	841.0 841.5	79-5	79:0	7814	77:7	7814		81.5	85 B	67.5	89.8	99.9	90°£	F976	897	89 3	8
27	Luc P	86'8	6410	67-5	897 803	NO.	890	4+6	H3.0	81:1	MY5	8010	79:4	78-5	81.9	83·7 85·0	67:0	87°7	90.3	90.8	90.7	9015	90'3	1970	8
30	88 6	80-3	845	83-8	143.3	N2-7	82%	81.8	81'5	807	80'0	79-8	79-5	71-7	79-8	83.9	87:1	8814	9072	901	90'3	90.3	80.8	89-0	
Меапя	861	141	82-1	81.3	81:0	50-5	801	79-5	768	78-0	77:3	76-6	760	75.5	76'1	79-5	829	85-2	867	87:4	87-6	87 G	87 7	870	8
March 3			844					66.1	01-0	٠		•										_	_		
		_	time.	_	-		_	_	_					50.6	61:3	84'8 85 g	87-9	91:0	9019	923	921	918	91'9	907	6
1			849						81:5	8018	50 1	80.1		79.6	814	H5-1	NN-9	91:0	92.5	81.6	920	84.4	912	90.3	8
- 1		861	817	841	83 6 83 6	8313	83'0	82.7 88.4	621	814	80%	807 807	80 5	SCP0	81.2	85°0 84°4	861 8810	89'2	9015	BO:8	91.7	92-0	90-5	90-0	8
	8 650	8516	84.9	84'4	83.7	83.4	83'0	82.6	82'2	61.3	80.5	803	Surg	79-7	61.2	85.0	67-5	90.5		91.7	920	91.3	90'5	203	8
3	-	-	84.0	_	83'4	_	82.5	_	80.2	78:1	77:5	769	76-2	75'3	77-9	83'3	860	88-1	80%	89 9	MI-8	91.3	9019	89-7 89-3	8
19		861		833 833	62'6 62'6	894 H22		80:9 61:7	8017	79:3	7810	772	76:3	7649	780	82 9 82 9	863 853	87:7	89'S 88'B	N9 4	8019	90%	90'0	89 9	8
11	1 89.0	86.7	84'5	83'5	83:1	821	61 8	81:4		801		78 2 81 0	77:3	77-2	78°5	825			9018	91.2	90 4	2016	91-5	873	8
3 1	900	88.0	85.6	85.0	846	840	83.7	83%	83'3	828			ers		81.8	85.4	88-4		91-6	920	923	9217		89-0	8
- 1- -2 1	1 -	87.2	_	-	649	841	H3 6	82.5	K\$10	8310			81:4	800		85:7		91-2		926				91.2	8
PRIL	907		86.6	85'4 84'6	84'6 84'4	54·1 53·7	63°7 83°4	83·5	83'0	88°2 81'9	61.1		79-3	78·7	81.5	85'5	88-7 89-0	89-6	91.4	919	924	914	920	91 N	8
- 11	1 192	88-0	N) 6	83.7	837	837	835	83 5	83'1	82 B	826	82.2	817	61.3	83'3	566	55:9 90:0		91'6	93 0	924	92-4		91.7	8
27	901	87:3	166		85-6	85.8	860	8518	85.5		847	84-4	84.0	840	855		91.4		86.9		96.5		945	907	86
2 2		87.6	87:1	86.6	86:5	86.4	86'5	86:5	86.3	83:3	5319	82.7	824	823	814	87.2		932		929	932	927	928	923	87
2 2	3 881		87-4 86-4	85-6		55°0	846	83.9	83%	83'3	83.0	H2-R H3-2	82.5	N25	84°3 85°0	87:4	89'9 94'4	92-6	92.6	92.7	929	93°5	93.0		81
2	5 901	89-0	80.6	85:7	85:0	H4'5	84'2	83.6	82 B	82'4	820	82.0	82.0	81.7	84.8	863	90'0	91.6	93-6	94'6	95'4	915	940	925	80
20		907	8610	85'3	85°3	85 9	85:4	84%		837	835 832	82·0	81.5	85.3	83·6 65·0	88°3	92·0 90*2	923		31.3		90.7 93 8	92.7	91 6	84
2	911	89-0	9614	85:7	85.5	851	84.6	84.8	840	532	60-0	61-1	50:0	79:3	80:6	863	50-9	99:3	914	914	93.9	94:5	94.6	941	65
3	92.0	901	864	85-5	84.6	84.4	83:5	826	81.8	810	80%	79-4	78'6	783	80:4	85-0	893	93 0	962	96 4	940	947	94.3	927	86

Gottin Mean	ngen Time-	Noon	. 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily
Med Mean 7		P.N. b m. 441	h.m. 6, 41	6. sl	h,m 7. 43	h m. 8. 61	b.m. 9. 41	h.m. 10. 41	h m.	h. m. 12, 41	h so, 13, 41	h. 76. 14.41	h. m. 15, 41	h. m 16-41	h. m. 17. 41	h. m. 18 41	h. m. 19, 41	h, m. 90 41	h. m. 21. 41	h. m. 22. 41	h. m. 23. 41	h-m 0.41	b m. 1.41	h.m. 2, 41	h. m 3, 41	Men
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	30.000.4
	1 2	90·6 91·8	88·9* 89·6	86·8	85·5 86·0	85·0 85·1	84·1 85·0	83·8 84·7	83·2 84·5		81·9 83·4	81·0 83·2	80.6 82.4			82·5 83·2				962	963 943	95:4	95.2	94.7	93-6	8
	3		905	86.5 88.1	85·7 87·2	85·1 86·6	84·6 86·4				82·3 84·5	81·8 84·3	809 833	79·9 82·3	79-5 81-6	82-2	869	90.5		93.5	93·5 93·5		93.7			8
	5 6	92.8	90.7	88-5	87:3	860	860	85.7		85-3	85:7	85:0	84:3	83.5	83-1	866	-	92-6	963	99:3	101-7	99-6	_	98:3	-	9
	7 8	95-3	928	90:0	89·0 86·0	88:0 87:5	87·2 86·8			86:4 85:4	85·6 85·1	84.9	84·7 84·6	845	841	86.2	89-4	930	94.7	95.6	97.1	97.6	97.7	97:0	96.1	9
	9	929	90-1	87-6	867	86.2	85:5	850	84.7	84.2	840	83.8	834	830	82.7	85.2	88.4	91.5		964	95.2	954	95.8	94°9 96°0	95.7	8
	10	94·2 93·3	91.5	88.2		862 867	85·7 86·0	859	85.5	85·0 85·2	84·7 85·0	84·5 84·8	817	83.4	83·0 84·5	856 861		91.5	95°3	960	966	968 958	96.7	96.0	950	8
	12	93.7	90-4	88.6	_	87.6	87:3	868	864	864	87.6	869	86.2	85:5	85:3	87:8	907	94.7	97:5	100 6	98.7	98:5	_	97:5	- (	9
855	14 15	960	92·2 92·5	90.4	89:0	88.5	87·9 89·2	88·0 89·5		87·0 88·5	861	85·2 87·3	849	815	83'8 84'0	868			97.5	101 0	100-8	100:3	100-8	98.7	98.5	9
MAY 1855.	16	960	94.6	89'7	88.5	883	87.8	87.6	87:4	87:0	86.2	854	850	84.5	83.7	864	91.3	94.3	96.6		96.2	963	967	99.6	95.7	9
Ž	17 18		93·0 90·7	89:5	88·5	88'4 89'0	87·6 88·0			869 866	86.5	85.3		85°0 84°0	84·8 83·5	87:8 86:1	90.2		948	95.5	960	93.7	95·7	95·1 98·5	95.0	9
	19 . 20	964	923	89-0	88.7	88.2	88.6	88:4	87.5	86.4	865	85.5	84.5	83.5	83.0	85.5	89-8	_	97:6	100 4	100-5	_	_	_	97:4	9
	21 22	97·3 97·4	93·7 93·5	89.7	89·0 91·4	88.2		878 890		874)	867	86.5	860	85.5	85.2	880	91.5	95.5	97.8	100 5	103-7	100.0	100-2	97.7	100-5	9
	23	98.5	93.8	90'2	89.8	90·1 89·7	89·5 89·7			87·5 88·5	87·0 88·6	86.6	863	860	86·0 87·8	89.3	92.5		98-1	101-3	101-0	105 2	100.8	101-0	99.0	9:
	24 25	96.2	94·7 97·5	926 924	92.7	91.6 91.4				901	89·9 89·5	89·7	891	88.5		90.7	94.4		101 1	103-9	107-3	109-5	100-8	100-0	103 7 29-7	9.
	26 27		92.7	89-3	87.7	876	87:1	866		85.6	_	_	_	_	-	-	_	_	_	-	_	_	-	_	-	9
	28			925		88.3	88:3		87:0	87-0	87·5 86·7	87.5 86.5	87·5 86·3	87.5	87·0 85·6		93.0	963	98·0 99·5	102.2	105 \$	103-5	108-7	100-3	107-4	9
	29 30	95·8 95·3	91.6 90.8	89-4	87·5	87·3 88·1	866	870 884		864 884	85·9 87·6	85:5 86:0	85·2 86·2		84.5	85·7 88·2	89.5	95.5	99.4	102 0	104.8		98:5	98·7 99·0	98.2	9
	31	963	92-5	89-6		89-4	87.7	87:7	87.7	87:4	87-1	869	867	865	85-8	88:3	93-2	97:2		102-6	1086			101-7	100-2	9.
Mon	ns,	95-4	92.2	89.3	88.5	87-9	87:4	87-2	868	86 4	86-1	85.7	85.2	84.6	84:3	869	90.7	912	96.9	99-2	100-7	100-7	100-0	98.6	97:5	.9
											*		٠													
	1 .	96.5	92·9 89·5	90°0 87°5	86.8	88.0	88.6 86.3	89.4	89·6 85·0	89:0 84:8	87.5	86.0	85.4	84'8	83.9	86.7	92.4	96.5	99-0	101-7	1044	106-7	100-8	9-60	90-5	9:
	3	-	-	92.5	_	88.6	_	_	_	-		89.2				90-2		96-0		101-8	103-7	104-3	107-0	100-8	102-0	9:
	5	97.4	963	928	90.0	89.5	89.5	87 1 88 6	88'0	87.0	86.9 86.9	86.8 86.0		85.7		87.5		95·8 95·4	160·5 98·2	100-8	100-2 102-9	988	98:1	967	101-0	9:
	6			89°4 87°4		88.6	86.0	87°5 86°0	86.0	86.2	85.7 85.7	84.7	84.8 85.2	84'8	84.7	88.0	91·3 90·4	94.2	97·2 96·7	99-4	101-3 96:0	0.1-5	98-1	95.6	95 0	9 8
	8	92.5		86'6	86'5	86.2	86°2 87°0	86.5	85'8	85.0	85.2	85.2							964	99.5	97.5	951	95.4	94.8	92.8	88
	10	-	_	_	_	more	-	_	_	_	83 9	83.6	83.3		83.0		89-5		965	99-0		96.5		954	94.2	85
	11	92.6		87'0	86.2	85.8	860	85·7 85·2	85'8	86.0	84.1	83.0	84.8			86'2 84'7	90°3		97·4 90·5	93.3	981		96·2 99·0	93·2 94·9		89
22	13	93.2	901	87.6	86.6	86.6	86.2	86.4	85'8	85.4	85-0	81.7	83.3	81.8	81.1	81.0	81·7 89·6		83.0	864	90.6	94.8	980	96.5	95.0	85
81	15	93.5	90.7	88.6	87.2	86.6	85.7	85.6	85.6	85'3		81.2	81.3							97·6 96·1	98-2	98°5 100°0	95·7 101·3	95.5	103-1	81
IUNE 1855	16 17	-	92-2	89.5	_	88.0	1401	_	869	86.0	81.0	80.2	807	808	81.3	820	83.0	84.9	87.8	89-9	91:9	93:5	93:7	94.6	95:7	8
5	18	95.2	89.8	87°5	86.8	86.0			860			84.0 85.4		82.8	82.5	84.6		90.7	93.4	95·0 95·5	97.9	97.6	99-4	99-9	94.4	89
	20	90-9	89.3	88.4	87.5	87.4	86.6	86.7	867	86.7	86.2	86.4	85.5	846	84.0	87 (1	90.4	92.7	949	96.3	98.5	100.4	95.5		93.8	96
	21 22	96.7	93 7	90'8	87·5 89·8	88.8	88.0	86·2 87·6	87.4	85·5 86·8	85·3	85-2 83-5	84·7 82·7		81.6		89-4 87-3	920	94·5 91·8	97·5 92·6	99.5	98·5 89·1	99·4 89·7	98°5	97·3 89·5	96
	23 24	88.0	86.2	84.6	84.4		83.7	83.5	83.4	83.5	85-2	84.8	84.0	_	83.2	_	_	93:1	95.8	-	990	_	985	_	-1	-
	25 26	95-1	90-3	86.6		86.6	861		85.7	84.7	83.1	81.6	81.6	81'5	81.7	83.2	87.5	89.3	92.5	949	96.1	99.2	100-5	101-3	94.8	89
	27	95 6	95.0	90.1	88.6	89/0	89.2	87.6 88.5	87.9	87.0	87:0	87:0	85 3 86 6	86.9	85.7	85.7	88·5 86·7		91·6 91·0	93·4 95·0				96·5 98·0		91
	28 29	98.5	96.2	92.0	90.1	83.2	83.2	83.3	83.6	84.0	83.4	85.8	82.8	898	82.7	89.6	83.0	83·7 84·8	860	89.8 89.0	90-5	92.5	96.2	966		87

\* The numbers in these columns are not observed but interpolated for the sake of obtaining the daily Messa.

Gottingen Jenn Time.	Noon	. 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily
Madras Ican Time.	r. M. b. m. 4. 41	h. m. 5. 61	h. m. 6. 41	h m. 7.41	b. m. 8. 41	h. m. 9. 41	h, m. 10, 41	b. m. 11. 41	h. m. 12. 41	h m. 13. 41	h. m. 14. 41	h. m. 15. 41	h. m. 16.41	h. m. 17. 41	h.m. 18.41	b. m. 19. 41	h. 39 20-41	h. m. 21. 41	h .m.	h. m. 25, 41	h. m. 0. 41	h. m. 1,41	b. m. 2. 41	h. m. 3. 41	Mon Mes
	0	0	0	0	0	0	0	0	0	0	0	0	0	o	v	0	0	0	0	0	0	0	0	0	twomen
June 30	88.1	86.9	85 9	85-0	84.6	84.0	83.0	82.7	82.6	_	-	_		_	_	-	-	-	-	_	_	_	_	_	
2	99.3	93.0	88-0	87:8	87:9	87:7	87:6	87:3	7:0	87·1 86·7	86.5	84·1 85·9	85-2	82.3	86.5	90.0				96·5 97·3	99.4	101-3	103-0	94.8	8
3	90.7		88.0		86.6			85.8		85.5	85.5	85.0	84-1	83.7	84.8	87:3	90.7	93.3	94.4	96·4 99·5	98.0	99-5	98·9 97·0	97.2	8
5	95.5	92.3	88.8	88.2	87.5	86.4	86.1	86.5	84.5	85·5 83·7	83.0	84.3	82.7	82.2	85.0	86.9	90.4	94.7	96.9	98.2	98.8	97.2	96.6		8
6	93.7	91.5	88.8		87:4 86:6		86.8	84.6 84.5	84-5	85.6	80.8	80.5	80.2	80.3	81.2	83.7	85.7	89.3	92.8	95.2	96-9	98.9	99-0	95.4	8
8	-	-	_	_	-	_	_	-	-	84.0	83.8	83.6	83.3	82.5	84.2	88.6				96.7		100-6		100-8	8
10	97.3		89-4 89-8		87·2 87·5			86.0 85.5		84·4 85·1	84.3	84.2	85.0	84.1	85.9	87.5	90-4	93.4	93.0	94.4	100.0	97.5	101-3	97.3	8 9
. 12	99.5		90·7 89·2	88.6		87.6	87.4	87.3	87.2	86.8	86.5	85.7	84.8	84.3	85.0	89.7	90-8	92.8	93.8	95.3	96.6	100-3	99.3	99.5	9
§ 13	98.7	93.0	88.9	87.3	87.7	84.2	81.0	83.9	84.3		84.5	85·5 83·8	83.0		84.2						99.0		101-1	95.4	8
	89-5	88.3	88.6	87.4	86.5	86-6	86.0	83.8	82.5	83.1	52:0	82.9	82.7	83.0	83:5	85-2	07:2	90:4	-	93.3	00-0	92.0	93:7	94:0	8
MID 16			91.8							83.5	83.1	82.9	82.7	82.8	83.1	85.6	88.6	91.4	93.4	97.0	98.0	98.4	99.0	97.0	8
17	94.2	89-0	83·6 87·5	82:2	82.2	82.5	82.6	82.0	81.4	82-1	82.0	81.2	81.3	80.8	82.5	85:3	88.7	91.7	93.4	92·6	97.3	99.6	96.3	95.5	8
19			91·7 90·7	84.7	83.6	823	82.6	83.0	83.5	83.0	82.5	81.8	81.0	80.6	83.0	86.6	87·8 86·8	90.0	91.3	93.5	95.4	97.9	98.3	101-3	8
21		84.7	83.6		87·7 82·6		79.5	84·7 78·4	85·0 77·2	_	_	83.7	83.3	-	-	-	_	_	_	95.8	_	-	_	86.3	
22 23	937	91.6	89.3	87:6	86.5	86:1	81.9	84.0	83.2	80 2	80.8	80·2 82·2	80.1	80.3	82.1	85.0	88.5	90.4	91.1	99.8	93.7	94.1	94.6		8
24 25	97.6	94.0	89.7	88.2	87:1	86.2	85.5	85.2	848	84.4	84.0	83.4	82.7	82.3	83.5	88.0	90-9	91.8	92.9	94.8	96.8	98.3	98.5	98.1	8
26	97.2	84.9	90°4 88°3	88.0	86·8 85·9					85.5		84.7	81.7	83.6	82.7	88.6 85.7	90.6	91.6	93.2	95·8 95·8	98.0	88.8	100-6	1006	9
27 28	96.9	93.5	89.6	88.6	88.2	87.3	86.4	86.2	85.8			83.6	83.0	82.5	85.0	89.0	91-2	93.0	84.9	96.8	98.7	100-5	101-0	90.0	9
29	-	_	89.6	_	_	87.5	87.0	865	86.0	85.0	84.4	83.8	83.1	82.0	84.5	88-4	90.9					101-3	193-2	94.7	9
30 31	99.3	89 0 87 3	88.0 86.6	87·6 86·4	87·1 86·1		87·0 84·7	87·0 84·4	84°0	86·3 83·5	86 0 83 0	85 4 83 0	84·7 83·0	84·3 82·8	85·2 81·0	87·2 87·2	90 6 89 9	92·8 92·2	96·2 93·7	97·5 96·0	98·3				8
Means.	93.9	91-1	88.6	87-2	86.4	85.7	85.2	84.8	84.3	84.2	83.9	83.2	83.0	82-6	84.1	87.1	89.6	91.8	93-9	96-0	97.8	99.1	99.0	96-9	8
	1									*-															
1	93.3	90.8	89:3 85:7	87.5	86.6	863	83.5	834	83.8	83.1	82.4	82-2	82.0	82.3	82.8	85.9	89-0	90-4	92-2	93·7 94·3	95.8	97:7	98.8	97.9	8 8
2	100-7	93.2	89.6	87.8	84.1	84.5	85.0	85.2	85.0	84.7	84.2	84-1	83.6	83.0	84.2	87.0	89.2	91.5	94'3	95-7	98 0	99.5	101-0	93.7	8
3	93.3	80.3	87.7	86.4	81.4	83.9	83.8	82.8	82.0	83:9	63.7	83.5	83.3	89-6	84.8	88:0	90.9	99-8	95.1	97:0	96 5	94-0	94:3	93:3	8
5	92.0		88.7		88.0		85.6	85.0	85·Q	84.5	84.0	83.5	83.0	82.3	84.8	87.2	90.5	92.5	95.7	97.7	99 8	99.8	100-0	99.7	81
6	95.1		90·3 89·0	88.0		87:1	86-0	85.9	84.6	84°0 84°0	83.5	83.2	89.9	82.3	84.7	88.0	90.7	92.8	94.8	96'8 97'7	97:0	97.0	95.1	93.8	8
. 8	93.6	91·8 93·0	89.4	88.0	87·6 87·3	87·4 86·6	86.4	86.2	86.0	85·3 85·1	84·6 84·5	84.1	83·5 83·5	82.7	84.3	88·5 88·1	91.5	93 0	95°2 96°5	97-2	963 983	96.0	95 6 95 4	95.5	8
10	93.7		88.5				86.0		85.0	_	-	_		_	_	_	_	_	****	_	_	-	_		-
11 12	88:3	87:4	86.8	85:8	85:5	85.3	84.8	83.4	89:9	83.6		83·4 81·5	83.2	83.0	85.3	87·8 82·6	90·2 85·0	89.3	90.9	925 953		89·2 96·8	89 7 93·6	89·8 91·2	8
28 13		90.6	85.6	82.5	82.4	85.3	81.4	81.2	81.5	80.8	80.5	80.5	80.5	80.0	80.0	81.8	83.9	87-1	91.1	93·5 94·8	94.5	93.8	95-0	92.0	84
14			84.7	83.6	83-4	83.0	82.5	828	83.0	827	82.9	82.2	85.0	80-1	81.2	85·3 84·8	87:1	89.5	925	93.7	95.7	97.6	95'4	94.1	86
LSDD 17 18		91·1 89·3	87:4				84·2 83·1		83·4 82·8	82.3	81.2	80.8	80.3	80.€	81.8	87.1	89.6	91.3	94-0	95.0	95.5	93-4	95.3	91.7	8
D 18	-	89.8	_	_	_	_	_	_	_	843	83 8	83.3		82.5	83.8	86.4			91.7	95.6		97.6			81
19 20	93.7	91.1	90.0	89.2	88.7	88.2	88.0	86.4	83.6	83.7	838	83.4	83.0	82.8	83.5	85.0	87:0	88.6	90.8	93·3	93.5	94.6	944	95.0	88
21 22	94'3	93·7 92·8	89.1		87·3 87·7	87·2 83·5		81·4 82·6				83.0				86·5 87·0				96.4				99.7 86.3	89
23	85.3	84.3	83.8	84.3	83.6	82.6	82.2	820	81.8	81.5	81.2	81.0	80.8	80.4			87-0		92.1			99-0		95.7	86
24 25	90.8	89.3	87.2	83.6	82.8	81.8	82.0	82.2	81-9	85.1	84.8	84.5	84.2	84.0	84.7	86:7	88.8	91-7	93.5	95.3	96.3	96.4	963	95.7	87
26 27		92.4		90.8	79-7	79.7	80.0	80.0	80.2	80.2	80.3	80.2	80.1	79.7	80.3	82.2	84.0	87.5	89.6		93:3	93.7	93.6	93.1	80
28	97.2	95.6	88·1 91·8	89.0	87.5	86.4	85.8	85.1	84.4	83.7	83.0	82.6	82.2	82.0	83.6	86.4	89.2	90.6	93.7	96.1	96.6	978	93.4	91.15	86
29 30	91.6	88·1 89·5	86·4 87·2	86·6	85·8 86·2	85·5 85·9	84·9 85·2	84·8 86·4	84·4	83·3 84·9	84·4	83·6	80·8 82·7	80°5 82°8	81.7 84.3	85·3 87·4	88·1 90·3	92·2	92·7 94·6	91·9 95·1	94·8 96·9	98.6	98°2 94 8	94 4 92 6	85
	i																							_	

<sup>\*</sup> The numbers in these columns are not observed but interpolated for the sake of obtaining the daily Means.

0.00		1			3		5	a	7		9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	
Gettin Mesa I Mad	ras	P M.	b. m.	2 h. m.	h.m.	4 b.m.	h m		h m	h.m.	h.m	h.m			h sa.	h m.	h.m.			h m	h.m.	h m	h =	h-m	h. m.	Daily an Nouthly Meaus
Mean	Time.	6. m. 4,41	6,41	6.41	7-41	8-41	9.41	10.41	0	12,41	18,41	1441	15.41	0	0	15.41	19.41	20.61	21.41	22-41	23,41	0.41	1.4)	241	2.41	0
											*		٠													
	1 2	-	-	87.8	87:1	86.9	863	85-9	85·6 —	85.0	83.6	83.4	81:2	83.6	85.1	83.5	85.7	89:0					99 7		95:3	88*
	3	94.3	90·8 88·3	86.7	86-2	869 861	866	86%	85 4 84 8	844	83.4	82.4				825		86.6		93.9	96.2	97.5	94.9	96.0 84.3	93-6	881
	5	88·7 90·8	87:2 88:7	85·3 86·9	847	844	847 846	84:4	83.8	83.5	83·1 83·3	82°8		82-8	82.5	83'8	86.3	89'2	91.4	93.1	94.7	96'0	97 0	930	93-5	87:
	7	90-7	87.7	85.9	87-2	854	874	85.0	844	83.8	83.3	82-9	82.5	82.1	81.8	83.0	86-9	89.2		95.4			94.3		92-5	871
	8	-	88.3	864	86.3	85.7	861	85.8	840	820	82.4	81.6		800	79-9	80 2			90'5	920	93-7	92-4	92 1	91.5	90-7	86
	10		87:3 87:7	85.2	84·7 85·3	84·2 85·0	83·9 84·1	83.6	83·2 83·3		82.9	824		78·7 82·7	78 0 82 9	79 2 81 4		81.8	86.1	87:3			91.5		93.0	841
1855	12	90.5		87·0 87·0	866	800	85·3 85·3	84.6	840	83·2 84·5	82.2		808	80°3	81°2 78°9	82-0 77-0	84.4		90.7	93.7			94·1 92·3		8017	87
	14	87.5	861	848	84:1	83.6	83.7	834	83.2	828	82.5	82-2	81.8		80-9	81.3				91.8	930		92.5		935	86
SEPTEMBER	15	93.5	89.8	87.6	86-6	85.2	848	84.5	839	83-0	83:3	827		81.5	81.0	819	83 8		89-8	92.5	95.8	94.0			20'6	87
Ħ	17	89-8 89-2	868	86.4	84.4	83·2 84·0	83-6	83°8 83°0	83·5 82·8	83.7	82·3 83·3	81€ 83€	81.3	81.0		81 3 82 8		861	89 O 91 5	91.5			91 0 93 2			88°
SE	19		87·6 85·7	85-9 87-1	85·5 86·3	849 876	843	840	83.4	835		815	83·0 83·2	82.5	82:1	83.3	85 6	BH- 2	9017	93.4	94.6	94.0	95°0 947	92.6	912	87
	20 21	91.5	86-8	87.2	86.2	85.8	850	84.4	83.7	83.5	82.8	821	823	825	82.5	83.8	86.3	89-3	91.6	93.1		94.5			923	87
	22 23	90-0	_	_	86.4	860	860	85.7	85-0	84-6	83:3	83.4		83.2	80.6		84.4		89.5		91.6	91.5	91.7	91.1	898	80
	24	88.8	86.5	85·1 82·6	84'6	84·5 81·8	84.0	80.6	84.0	80·2 79·8		77:3		75/9 78/9	74.8		79.5	82.0	84.6	868		88 3	90.6	88-2	87:0	83
	28 27	86.7	843	83-1	82.6	81·7 83·5	81°4 83°4	80.6	80'3 82'0	79.8			78-9	78.8	78·8 79·8	80-2	823	84-9	87-2	89.9		902	90.3	90.0	89.5	83° 85°
	28	89.0	87.0	85.6	85.0	84.6	841	841	83.7	83.2	82-6								876		90.9		90.5			85
	20 30	88.0	86.1	84.7	84.4	84.2	-	84.0	83-7	83 0	81:3	50-5	80-3	79-7	79-6	79 9	82-6	84-6	85.5	88-0	89-5	90.6	91.3	91.3	89.8	84
Mea	ns.	89-8	87-8	86.0	85/3	84.8	84.5	841	83-6	83-1	82.5	82 0	81.5	80-9	80.6	81:3	83-7	86.6	89:1	91.3	92-9	93·3	93-4	92.5	91.2	863
											*		*													
	1 2	87.7	86.5	83.6	83.6	83·7 77·5	76.5	826 78'0	82°5 78°5	78:4	787	78:	81·1 3 75·6	78.8	80:4	79.5	83℃	86.6	88'0	90.4	912	91.6	96.4	97.1	89.8	86 83
	3	88.0	86:3	85.0	84.6	84.0	83.8	83.5	83.9		821		81.5		80.7		81.6	86.2	88.8	91'6	928	94·5 85·0	929 87:3	91'8		85
	5	86.7	83·8 82·3		82.0	81.8			79·7	79:5	79 3	70	1 78.7		78 3	790		81.6			88.8	89-5	89-3	88.7	84.0	82
	7	-	_	-	_	-	-	_	-	_	73.8				74.8							77-4	79-1	79-2		78
	8	79·3 85·0	78-7 83-3		77·8	82-4	82.5	82.7	82.5	82€	808	797	79.5	79-3	79:3	816	80.7	85.8	86-5	82.8		800	87·8 84·6	867	870	80 82
	10	84'8	82.3	82.5	82.1		81·7 79·8	81.5 79.5	81·2 79·3									82.6						843		81
,	12		82·5 83·5		80.1			79.8		79.0	781		78.6					82.0				863	86-1	66.4	864	81
28	14	-	_	_	_	_	_	-	_	_	79 5				767									880		82
	15	86.3	84.6		83.0	825	81.6	81.9	80%	80	800	801	79.9	79.7	79€	803	82.	864	87.5		9013	9012	902	90.2		83 84
CTOBER	17	87:8		84·5 81·6	83:7						820						815			86.6	889					84
OCT	19	81.1	80.5	80.4	78:3	77.7	77:1	78.9	77.€	771	77'0		5 76-4					79-6								80
-	21	-	_	_	-	-	_	_	-	_	83						79									82
	22 23	83·7 76·3			78.6	76.7	76.7	76.5	76'3	76:	3 76%	3 76	3 76 6	768	76.8	3 77%	5 791	818	83.5	86.1	87-5	866	85-6	84.7	84:3	81 79
	24 25	83.2	81.8			80.3	79'8	78°6		771			0 77°3		78°0	783		83:2		85 9		86.6		87-9		81 82
	26	86.8	845	82.7	82	81.6	817	8018	807	801	791							5 83.4								83
	27	83.5	_	82.6	_	_	_	_	-	_	76															81
	29 30 31	86.3	82:3 83:8		801	8 79	77'		76:	3 75	8 75	5 75	3 741	3 74	74	5 751 0 751	2 79	8 80°7 0 82°0	84.8		87-0	87-6	87.0	88-5 86-0 84-5	860	79 86 86

<sup>\*</sup> The numbers in these columns are not observed but interpolated for the sake of obtaining the daily Menus.

	DRY	THERMOMETER	(STANDARD)	
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lean Ti		Noon	. 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily at Mouth
Mailes Ican Ti	me.	P.N. h-m 4-41	h m, 1,61	h. m. 6.11	h m. 7.41	h m, 6,4)	h ee, 9,41	h.m. 10,41	h. m. 11 41	h.m 19.41	h m, 13,4)	h m. 14.41	h, m. 15,41	ь. m. 16,41	h m- 17.41	h as, 18,41	ь. га. 19.41	h, m 20.41	h, m 21.41	h m. 22,48	h m, #3,41	h, m 0,41	b m, l,tl	h. m 2,41	h.m 3,4)	Meau
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	٥	6	٥.	0	٥	0	0	0	b	0	
	1 2			78·6 75·7								74·5 73·5		7·1·0 73·3				75·0 78·0		76·7 83·3	78·0 84·8				80-3	76 77
	3	83.0	81.9	80.9	80.6	79-9	70.3	79.0	78 4	78.0	77:1	77:0	76.9	76.7	76.5	77:0	78:5	81.3	83.6	85-6	86.2	87.6	86.3	86.5	85:7	81
	5		82 B 83 2			81.6 81.0			78·6 79·4	78.6 78.0		77·6		76·8 74·6	76.5	77°5	80°5	82·8 82·1	85:5 84:7	860	86.0	86.6	86.7	86.2 86.2	86.4	81 81
	7 8	84.3	82.3	81.9	81:3	810	80.4	79°8 79°4	79-2	77.8 79.5	77.0	76°3	76.2	76-0 78-6	76°0 78°4	77'0	79.7		83.8	86.3	86.6	87.9	87.2	87-1	85.0	
	9	83·2 81·5	818	81.3		80.0	80.0		79.5	78·5 75·9				78.0	77.6	77:8	78.7	81.1	83.1			85.0		83.7	83:5	ы
55	11	-	80:8	80:3	79:6	79:3	-	77:5	77.2		76:3	75·2 73·3	74:1	73·0 72·8	72·5 73·0	73·6 73·6	76.8	81.0	82.9	84.0	84.7		84.6	841	83-0	79 78
1855.	13	82.0		79°8 79°6	79°4 79°4	79.5	79.3	79-0	78.8	78.0	77.9 74.1	77.8	76.4	75.0	73·8 71·4	74·5 72·0	78.1	82:0	82-4	83.9	84.9	84.7	86.0	84.4		84
KOVEMBER	14 15	81.2	80·3 79·7	79 2 78 5	78·6	78.4	77-9	77.6	77.4	75.5	74.0	72.5	72·4 71·8	71.0	70-9	71 7	75·2 73·7	79:0 79:2	81.0		83.0	83.1	83.3	82.7	82-1	70
	16 17		79 5	78.6	78.6	780			73·5 74·0	72·0 73·1	_	_	70-1	69.7	_	ton.	-	-	200	_	-	Berna	83.5	-	_	-
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	20	80-7	78 7 80:0	77·6 79·1	76.5 78.5	76·5 78·4	77.9	77:4	74.3	73-0	73.8	72.6	72.0	73·2 71·3	72.0	73·4 72·3	78·2 75·3	79.8		83.0	83.8	83.7	84·3 82·8	826	81.9	7
	22	80.8	80°2 79°7	78.9	78·8 78·8	78:4		77.4		75.2	74.6	77°5 74°0	75·5 73·1	73·4 72·1	73·2 72·4	72·8 72·0	75·8 77·8	80°8	81.6 82.5	84.0		83.2	83.8	82.8	82·6	75 78
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	26 27	81.7	80°0 79°5	79.2	79·6 79·2	79°0 79°0	78·5	78.0		76·5	76·5	76·6 75·2	76'9 74'4	77-2 73-5	76·5 73·4	76·6	75.2	78.8	80.1	82.1	82.2	83.3	83.0	82.8	820	76
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	30	80-3	79.5	79.3	78.8	79.0	79-2	79-3	76-2	76.5	76-7	77-0	77-2	77:3	76-2	740	73.7	76.7	78:3	80*8	80-9	80.9	81.6	81.5	78-2	76
Mean	8.	81.6	80-4	79-5	79-1	78-7	78-2	77-8	77-1	76-1	754	75-1	7-1-6	74.0	73.6	74.0	76-7	79-9	81 9	83.5	83-7	84-1	84.1	83.6	828	79
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WET THERMOMETER	(STANDARD	No.	8.)	
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<sup>\*</sup> The numbers in these columns are not observed but interpolated for the sake of obtaining the daily Means,

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	4 5	80'8	80.5		79.4		79-2	79:4 78:8 79:4	79.3	78:5	78°2 77°6	78°0 77°8 77°4	77'9 77'5	77-7	77:4 77:9	762 782	787	79°2 79°0	79-2 80-2	79°8 79°6	8110 8010	81'2 60'3	81-3 81-1	80°5	79-8	79-3 79-0 79-5
	7	81.7	80 6	80'0	79-9	78:6	78 6	78:4	74.2	73-6	748	74-6	74:4	74:1	73'4	75'8	77-0	77:5	77.7	78-5	76-6	78'2	784	78 9	78:9	773
	10 11	790	77:3	77-2 76-0 76-2	77'0	762	75.8	708 77:1 75:7	75.5	75-9	75'9 75'5	75-2	75·0 74·8	74·7 74·4	74-6	75-2 75-2	77:5	78-0 77'4	77'0 79'0	79 1	79-2 80 2	7H-2 79-4	79-2 80-2	79°2 80 9	79·9 78·7 79·8	77·1 77·3 77·0
1855.	12 13	79 3 80 6 80 6	80/2	78°2 79°2 79°3		783 789 797	76·1 79·1 79·6	76°1 79°3 79°3	77-9 79-3 79-4	77.7 80.0 79.2	77'4 79'1	77-8 78-2	77:4 77:8	774	77.7	78.6	80.8	80'4			80 I 81 S		80-9 80-0	80'5	501 7 79:9	798
PRIL 1855	15 16 17			78-4 78-9		789	79-2	79°3	79-8 77-3	78:2	77'9	50·0 77·7 77·1	77'4	78-7 77-0 70-2	767	78.5	797	79-9	80-2	80.8	81.8	81-2 81-2 80-2	8019		80:9 80:7 78:7	50°0 79°2 78°4
-	18 19		76 5 61 4	769	78·0	79'0	76 9 79 8	79:1	7910	79.3	79-3	79:4 79:8	79'8	78.9	78·3 79·2	78.9	801	80°4 81°0	8013	81·4 81·7	824 828	81.5	82·1 82·5	82·7 62·9	824	79·9 80·7 81·7
	21 23	82.3	82.5	626	623	128	81.4	81.5	81.3	81-0	81:3	81-2	81 1	51:0	80-7	81-2	620	82:2	62.8	82.2	820	83-2	83:1	63.8	812	81.8
	23 24 23	81.4	82-2	822 503	82-4	81.8	81·3 78·2	80'9	80'0	80°9 79°9	80·6 79·5	51·0 79·8	814 798	81:7 79:7	81 9 79 7	80.5	61.0	52°8 61°4	897 830	82.7 81.2	6310 6312	82°6 83°0	828	627 838	F2'1 83'4	81·9 80·9
	26 27 28		827	82.2	61.2 82.9 79.7	82 2	89°3 80°3	820		80:9	80-5	_	80-1	79'9	79-5	80-7	_	15.1	828	83-2	83-3	83.7	83.3	830	824	79·9 81·9
	29 30	80-6	_	79:0	_	-	_	-	-	_	80°0 77°4	79'4 76'6	78·8 76·2	78-9 75-7	77 4 76 2	78-2 76-6	79:4 79:1	80 4 76 4	80°S 77°8	81·2 78·2	82°8 80°4	81.8 2.18	81·2 82·6	81.7 828	61°2 82'0	59·1 79·0

<sup>·</sup> The numbers in these columns are not observed but interpolated for the sake of obtaining the daily Messa.

Mean	bgen June.	Noon	. 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and
Mad Nean	Time-	P. M h-m- 4-14	h. m. 6. 4)	h m. 6.41	le. m. 7.41	h. m. 8, 41	h.m. 9, 41	h-m. 10.41	h, m. 11, 41	Ь.т. 12 41	h.m. 13-4)	lt. en. 14 41	h m. 15.41	h. m 16 41	h. m 17.41	h m. )8 41	h.m. 19-41	h·m, 20.4)	h m- 2)-41	h. m. 22.4)	h · m · 23.41	h. m. 0.4t	h.m. 141	h.m. 2,41	5.m. 3.41,	Monthly Mesas,
		0	0	0	0	o	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1 2 3 4	80°2 82°9	82·3 80·7 82·0	81.0 82.2 80.3 82.0 79.7	80°5 82°1 80°5 81°9 79°9	80°5	81.1	81:1	79 8 81 0 70 2 81 9 81 9	79·2 80·2 78·9 81·4 81·2		78-2	79.8	77·2 79·4 77·2 79·2	76:4	81.0	80°2 81°7 81°2 81°2	81°4 80°4	80°9 81°0	82.2	81.2	81.0	803	83.2	83.5	80°5 81°0 80°2 81°4
	6 7 8 9	83·1 81·9 83·4 83·2	81·7 82·0 83·8 83·0	82 1 81 7 83 9 82 8	82·3 81·2 83·4 82·6	83°0 81°2 82°9 82°2	83·2 81·2 82·8 82·4	82.7 82.4 82.1 82.0	82:5 81:7 81:8 81:9	82°2 81°3 81°4 82°2	81·3 81·7	81 S 81 S	81°8 81°6 80°5 81°1	81-9 82-0 79-8 81-0	81·2 82·1 79·5 80·4	82·2 81·6	80°4 82°2 82°7 81°2 81°0	82.8 81.6 81.2	84 0 82 0 80 4	82-2 81-0	84·9 83·2 79·9	807	81°5 83°0 81°0	829 83:2 84:2 80:7	83.6 83.5 80.7	80·7 82·4 82·4 82·2 81·5
Y 1855.	11 12 13 14 15	83·3 81·2 79·9	80·7 80·4	83.4	817	83°1 79°2	83.6	82·3 80·2	82·9 82·9 82·2 81·2 81·0	81.6	81:3 81:6 81:2	817	80.9	77.2	79·7 79·2 74·7	80°2 79°2 78°2	78:2 81:0 78:2 60:2	77:4 78:8 77:9	78·2 76·2 77·2	80°9 80°0 76°5	76.2	80°9 79°2 79°2	82·1 79·7 81·4	81.9	80°4 79°0 81°9	82:4 81:3 80:5 79:4 80:6
MAY	16 17 18 19 20	80°9 83°7 81°3	81.4	83·3 83·6	83·2 83·2 82·5	82°2 82°1		82·2 82·3 81·2	82·2 82·1		81:4 82:2 77:3	81°5 82°5 77°5	80·0 77·1	81.5 77.7 77.0	81·4 76·7 75·2	76°0	83°0 77°5 78°7	83·2 77·7		84:4 77:7	84·2 78·7 80·9	84°0 78°2 81°4		83.8	83·6 82·0 81·2	80.4 79.8 81.1
	22 23 24 25	83·5 83·0 84·0 83·9	83.7 83.6 83.4	83·1 83·4 83·4	82·5 83·2 82·7	82·4 82·6 82·2	82:4 82:2 80:5 82:7	82 4 82 0 78 7 82 6	82·1 81·7 79·2 82·5	81.8 81.8	81.5 81.2 80.6 70.6	814 815 816	80°8 80°2 81°3	80°1 79°2 81°6	79·7 78·2 81·0	77°2 78°2 80°2	78°5 79°2 81°0	79·9 79·7	81.4 80.2 82.6 80.9	82.7		84°0 82°6 82°2	82.4	83.2		81.8 81.8 81.8
	26 27 28 29 30 31	81·2 83·0 83·4	82·7 83·0 82·7	-	80°3	80·2 81·2 81·2	80·0 81·1 81·2	79·9 80·3	79 9 79 8 81 8	78·6 79·3	79 5 78 9 79 4 80 4	79°€ 79°€ 80°7	78°5 79°3 79°4 80°0 77,5	79·4 79·2 79·2	79·2 78·2 78·7	7970	79-7	50°0 79°5 80°2	80°7 81°0 81°9	82.3	81.9	83.6	79:4 83:2 82:2 82:9 84:2	81.9		80:4 80:5 80:7 81:3 81:1
Meas	ns.	82.3	82:3	82-2	82-0	81.9	81.7	81.2	81.3	80'9	80.2	80.3	79.8	79-3	78.9	79.5	80-2	80.2	80-8	81:3	81-6	82.2	82.3	82.2	82.1	81.5
_										_	•		•											_		
	1 2		83·2 82·5	82·2 81·4	81·2 81·4	80.8	79·1	78:3 81:1	78·2 80·4	79·2 80·2		79-7	79:9	80-0	78:0	76.4	78.0	79-2	81·1	81.7	81:4	-	_	_	- 1	80.5
	3 4 5 6 7 8		81°9 82°2 82°4	82.3	81.4 81.3 81.9 81.3		79.4 80.8 80.3 81.2 81.0		80°1 79°3 80°7	78·7 78·2 79·2 80·4 74·2	77:3 78:4 78:7 79:0 79:8	78:9 79:9 78:9 78:9	77-7 79-4 78-6 79-7	79-6 78-2 50-2	76-2 80-1 77-8 80-2	807	81:0 80:1 80:2	79:2 81:2 81:0 81:2	79·7 81·1	81'4 81'4 81'7	824 824	80°6 81°5 82°2	79°2 80°0 81°0 82°0 82°3 79°8	79·2 50·7 82·2	79.9 81.2 82.2 82.0	79°6 79°5 80°5 80°6 81°2 79°3
1855.	9 10 11 12 13 14	82·5 82·6	83·2 79·7 82·7 82·2	79·2 82·2 81·5	81.4	80°1 82°4 81°3	81.8		81°4 82°2 81°0	80.5	80:4 79:8 79:8 81:6	79°4 79°4 81°0	79:0 79:3 78:7 80:6	79:2 79:2 78:2 78:2 77:2	79·2 77·2 79·2 76·2	80·0 78·9 77·2 77·2	76·8 78·7	82·2 80·2 77·2 70·2	80:2 78:2 80:0	51.2 79.2 80.8	83·7 81·0 80·2 80·5	81.5 81.1 85.0	83 0 81 4 81 2 81 7	82·1 82·0 82·0 82·0 82·0	75°2 82°2 83°0 80°8	80°9 80°1 80°9 80°2
JUNE 1855	15 16 17 18 19	80°4 81°0 79°8 80°0 80°2	81.4 79.2 80.9	78-9 80-3 79-0 80-0 80-3	79°3 80°0 78°3 79°2 80°1	81°1 79°9 79°2 79°1 70°9	81·5 80·2 79·2 79·2 80·1	80.5	80°2 79°4	79-2 80-0 78-2 79-9 80-4	77'S	77°	77-9 76-7	77.9 76.9 77.9	78·2 75·2 77·9	78·7 75·2 77·0	75-9	79:6 76:4 75:1 77:0	80°2 77°2 74°9 77°1	78·0 78·2 76·1 77·4	79·6 78·7 79·1 77·4 76·9	78·2 78·7 78·7 78·4	78 6 79 4 76 9 77 7	79°2 80°8 78°7 77°7	-	79:4 79:2 78:2 78:3 78:2
	21 22 23 24 25	80:4 82:8 80:0	81·2 81·0	81.3	81.0	81·2 79·9 78·6	81.2	81.2 79.1 79.2	79.7	79 2 80°0 79 5	78:7 79:3	78°:	78°8 78°6	78·2 78·2 79·0	78-2	76:4 79:2 80:0	76°3 79°2 80°2	76°8 80°2	78 2 80 6	76·7 81·2 80·4 76·7	79:7 81:7 80:5 78:2	81 0 80 5 81 2 79 9	81·2 80·7 82·0 79·4	81·2 81·2 82·4 78·7	8079	79.5 80.1 80.1 79.8
	26 27 28 29	79.0 79.8	79°0 79°0 79°0	78:4 78:0 79:1	78·2 76·2 78·2	82.4	81·9 78·5 79·4	81.6	81·2 78·6 80·2	80'0	79.€ 78.9 79.4	79·9 78·9 79·1	78.7 77.2 78.2	78·2 76·2 77·2	78-2 77-0 77-2	76.2 76.2 76.2	76:2 76:2 76:6	76:2 77:2 77:2	77.2	77·7 78·2 79·2	77·2 78·4 78·4	78·2 78·3 78·0	79.0	77.7 79.7 78.4	78:4 79:4 78:4	78·8 78·1 78·5 77·1

<sup>\*</sup> The numbers in these columns are not observed but interpolated for the sake of obtaining the daily Means.

	WE	гтн	ERM	OME:	rer (	STA	NDAI	RD No	. 8).			
6	7	8	9	10	11	12	13	14	15	16	17	_
h. 20, 10.41	h. m. 11,41	h·m. )2 4l	λ. m. 18.41	h, m. 16,61	h. m. 15.41	h. m. 16-41	h. m. 17.41	h. m. 18.41	h. m. 19,41	h.m. 2041	h. m. 21.41	h

dean Time.	Noon	. 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily at
Madras Ivan lime.	h. m. 4.11	b. m. 3 41	6,41	h-т. 7-41	h. m. 8-41	h. m- 9-41	h. m. 10.41	h. m. 11,41	h·m. )2 41	λ. m. 18.41	h, m. 14,41	h- m. 16,41	h. m. 1641	h. m. 17.41	h. m. 18.41	h. m- 19,41	h.m- 2041	h. m. 21,41	b. m. \$2,11	h m. 23.41	h. m. 0.41	l.st	h m, 2,41	h m 3.41	Montid Means,
	0	0	0	0	0	0	0	0	0	0	0	0	U	0	0	o	0	0	0	o	o	o	0	ō	0
June 30	74.4	75.0	75.3	75:4	75.0	73.0	74:4	74.5	74.8	-	_	_	_	_		_	-	-		_	_	_	_	-6	-
1	78:9	80:9	81:3	80.7	81.2	91:9	81:9	80.5	75:4	79·9 75·2			79·2 75·2	76.7	76°2	77.2	77.7	78·2 77·7	78·2 79·2		79.2	79 4 80 7	79.2	80'0	77°2 78°4
3					80.5	79.9	79.5	80.5	80.6	801	79.7	79.2	78.7	76.5	75.7	76.4	77.2	77:7	78.2	78.2	78'8	80.5	80 6	81 5	79.1
4					8018								79°5 78°2	78:4	75·7 78·4			79.0					81.6		79·8 79·9
6	810	81.4	81-9	81.2	81.6	81.4	81.5	79.2	77.5	77.1			76.9	77.2	77-4		78.5	79.2					81.9	82.7	79.7
7 8	82.2	81.9	80.8	80.6	80.6	81.1	80.4	80.3	81.5	-	82-2	_	-	-		81.0	-	_	-			83:0	_	-	81.2
9	79.2	81:5	82-1	81:9	81.5	81.5	81.4	81.5	79.4	79.6			79.8	76.5	74.4		75.7		77:2	77:9	78.3	78:2	82·1	81·2 77·9	78:9
10	78.0	78.5	79.8	78'5	78.7	78.7	79.5	80.5	78.6	78-0	77:4	76.7	76.0	74.4	75.0	75.4	75.7	77.2	77.2	78.2	78.2	79-0	78.6	78.5	77:7
11 12	77.7				80'4						77.4					77·2 76·7		77·2 77·2		77:9	78·2 78·7	80°5 78°8	79-9 79-4	79.2	78·2 78·6
g 13	78.7	80.5	81.4	80.5	84.5	79.0	78.3	78.2	79.8	80.0	80.5	80.3	80.3	80.5	79.4	78.4	78.2		790	78.2	78.2	79-0			79.4
2 14 15	78.7	79.2	80.3	80.0	80°4	81.5	79.4	78.2	77.0	79.0	77:9	77.6	77.2	76-7	76:0	76.2	7714	78.2	70.0	78*2	77.9	77.8	77:4	77.7	78.2
i 6		78:3	79.7	78:3	78.6					78:1	78.5	77.8	77.0	76.1	76.0	76.7	77.2	78.0	78.2	78.2	79.0	79.2	79.0	78.9	78.0
17		78.8 80.1	79.2	783	77.2	76.4	76.7	76.5	77.2	77.3	77:4	76.8	76.2	74.7	74.7	76.2	76.8	76.2	76.5				78.9		77:3
19	79.0			79:1	70·3	78.4	79·4 78·2	78·9 79·7		76·3		75°3		76.3	75·9 76·2	78·1 77·2	77.4		79·2 78·2		80°3	79.8 79.5	79·8 79·7	79.2	78·2 78·0
20	80.5	82.7	81.3	79.9	803	80.5	79.7	78.2	76.8	764	76.0	75-7	75.3	75.2	75.4	76.0	77.0	77.8	78.2		79.2	79.7	81.6	79.7	78.4
21	80.3	80.4	79.6	78.9	79.2	76.4	77.2	76.2	76-4	78:0	77:9	77:8	77:7	76:5	77:0	78:0	78:4	78:2	78:8	79:6	79:2	78.7	79:9	80.7	78:4
23				81.9		79.2	78.2		76.4	76.4	76.4	77.3	78.2	75.4	76.0	77.0	77.2	78.2	78.2	79.2	79.2	78.7	77.2	77.7	78'4
24 25	81.1										79·4 81·2			74·2 75·2		77°2 76°2	77.2	77·2	77.8	77'4 78'2	78.2	78'4	77.7	77:4	78.6
26					81.5						78.3		78:4	77-9	78.4	76.7	77:4	77:4	77.9	78.7			80.5		78.8
27 28					80.0			80.2		78.7	77:2	77.1	77.0	75.2	76.5	76.0	77.4	77'2	78.2	78.7	78.7	80.5	85.0	81.7	78.9
29	80.3	80.4	81.0	81.3	81.5	81.0	81.1	81.4	81.5	78.0	77:7	77:4	77:1	76.2	76.0	76.4	77-9	78:4	79.2	79 2	79.7	79:6	81.0	80.9	79:3
30	80.8	81.7	81.4	81.9	81.4	81.2	80.4	80.8	78:4	77.8	77.2	77.7	78-1	77.4	76.4	77.7	78.2	78.2	79.2	79.2	79.9	79.2	79.6	78.9	79.3
Means,	-				79-9					_				_					_					-	78-7
	1	-			_										_	-	_								_
1	61:0	90-7	61:4	70.2	80.4	sn-9	80-9	80-9	81-0	80-1	70.9	70:3	70-4	79-6	80:0	80-9	70.5	70-4	70-9	70-0	76.7	70-9	80.0	90-0	79 9
2			80.8	81.0	79-9	79.2	79.2	79.2	79 4	79.5	79.7	79.5	79.2	77.4	77.2	78.2	77:4	780	78.2	78.2	79.2	784	77-7	78-0	79 0
3	81.0			79.6 78.8	77°0 78°1	77-2	78°2 77°2	78·2 77·2	79 4	79.9	80.2	78.9	77.5	77.2	76.2	77.0	75 7	77.2	77 6	76.4	77 5	78-6	78.2	77.2	78.3
5	-	-	_	_	_	_	***	_	_	75'8			75.4	74.2	75.5	76.0	78.2		78.8	77-9	79:0	80-0	79-2	79.0	77:5
6	79.4	79°2 80°4	79.0	79°0 80°1	79'0		79°2 76°3		78·2	77'9 76'7		77:2	76.7 76:4	74'8 75'2			75·2 77·0		77·7 78·5	80·2 79·0	82·0	81 8 77:7	79.7 78.2	78.7	78.5
8	81.0				78'5	80.2	77.4	77.2	77 2	77:4	77.7	77.2	76.6	76:2	77.7	77.2	76.7	78.0	77.7	78.2	80.5	79.7	801	81.4	77·7
9			80.5			79°2 80°7			78.2 80.2	78·3 79·4	78.4	77.3	76.2	77.0	78.2	78.4	79.7	78°5 79°2	78.8	811	81.2	8049	81°0 82°5	81 5	79 2
2 11			80:5		80.2				80.5	- 19 4	78.6	753	77.9	77-0	77:7	100	7911	19 2	-00	91.1	01 2	02.1	623	82.2	80.3
g 12 13	-				80:4	80:1	80.2	78:2	77:2	80.7		79.7					79·4 78·2	78-0 79-2		807	80-0		809	80-4	80.3
	80 5		80 4 77 0				77.6				75·7 77·2					76.2		77-7		79·0 79·4		81·2 79·9	80 a	81:5	78:8
5 15	81.2	8072	79.4	79.0	79.2	79.8	789	78-7	78.2	78 2	78.2	78:1	779	78.2	79.0	79.2	789	79-1	81.0	80 4	79.9	82.4	81.2	80.4	79.4
16			79:4 61:1	78 9 81 4	79.2		79°0 79°1	79.2		78·7 78 1			78·4 77·7							79·8 81·6	79·1 81·7		807	81.4	79·1 79·6
18	81.3		81.2		78.4				78'2	_	_	_	_	_	_		-	_	_	_	-	_	-	-	-
19 20	79:5		78:5	77:4	78:1	78.2	78:2	75:2	78.2	80°2 79°1	79·2 80·0	78.2	77 2	76·2 78·9	75°2 78°2		75:8 75:5						79.2	80 2 76 7	78:3
21	78.8	77.0	76:1	73.8	76.2	762	77.2	77'2	79.0	79 2	79.4	78-2	77.0	76-2	75.7	762	76.3	75.8	76.6	76.6	76 6	77.1	76.6	76 7	77:0
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<sup>•</sup> The numbers in these colourns are not observed but interpolated for the take of obtaining the daily Means,

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		27	68	79	76	-82	-85	.80	'86	-87	93	91	- 265	92	-95	94	792	91	-88	-609	-65	-61	-00	-59	-61	-61	7
		29	-64 -67	66	*68 *67	-60	·69	·71	72	-66 -74	64	165	167 190	99	169	'68 '78	68 76	·65	165	'68	*60 *67	-60	161 165	-68	62	-65 -65	7
_		31	-65	-69	71	-72	-74	-82	183	*88	.80	91	-91	-91	91	94	.85	.88	-82	-79	-75	-71	-68	168	-66	-65	7
1	Mon	ns.	732	765	798	819	832	840	-646	889	877	-867	-892	-901	1906	903	.808	-676	-831	:776	740	717	705	-703	703	706	-8
			In.	In.	In.	In.	In.	In,	In.	In.	In.	In.	In,	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	ln.	lu.
		1 2	717	45H2	0.531 1710	743	725	713	754	715	731	714	6-000 1694	1994	1690	1646	704	.749	768	1801	1/234	.861	829	9715 -809	-816	901	0.6
		3	-818 -799	'815 '808	1815 1818	·838	2800	790	607	778 810	798	793	788	779	-800	'809	1796	1823	777	790	.800 .800		'792 '813	819	793	772	-71
5		6	-821 -821	'825 '806	·768	753	786 791	783	7H9 799	793	793 796	784	776	769	763	-	736	768	*800	791	-776	_	795	847	-986	806	-71
ž		6	795	:847 '901	832	839	1816	1880	814	819	-801	774	753	'764	:800	'790 '818 '776	1999 1990 1766	1833 180	%49 %16	'853	1824 1821 182N	'849 '849 '819	1813	-873 -813 -770	·826 ·797 ·767	-816	186
ALMOSPHERIC		10	778	785	.800	784	789	783	786	784 767 758	773 734 786	778 736 764	739	746	.783	'758		789	798	7827	'831 '759	'811 '746	1816	799	767	783	71
2	853	12	750	777	794	787	783	752	751	749 765	751	753	755	745	736		746	789	770	775	764		.691	6-3	-675	-633	7
202	RY		-507	627	-677	1655	676	1669	659	-e1e	-771 -B38	740	710	710		1896	1833	-692 -656	1714	742	737	1096	684	1676	1639	506	7
4	ANUARY	16	·547	595 719	-690 -799	744	'645 '738	'636 '785	737	-869 -718	·653	732	650	-648 -732	-646	*644 *750	1654	-680	704	714	1691	717	713	730	704	691	-69
1115	3,	16		201	*795	798	797	793	778	770	778	771	763	772	780		707	·775	799	'814	811	'819	837	7804	800	772	7
5		20	-811	780	751	744	745	754	728	735	787	787	727	720	713	-019	693	709	717	703	713	716	717	700	-691	-950	77
		22		1667	674	-857 -606	·648 ·613	-626 *FIG	611	613	633	631	.655	1631	4541	618	629	658	1033	660	657	673	1666 1649	643	673	640	-61
ENSIGN I		24 25	1624	1542	'638 '638	1627	153	664	1585	1605	611	1623	613	1618	1009	10666	'605 '591	4842	1673	1683	'547 '6N9	1646	641	1624	633	610	-63
=		20	1587	·666	600	1644 1661	-637 -668	1614	634	629	-633 -665	.659	.613	6112	-509	-569	687	611	*666	677	652	647	634	630	.639	643	163
		29 29		617	.006	602	16112	-611	590	-572	559	1567	628	1636 1561	587	-629	581	578	679	1595	614 614	621	619	643	670	1670	6
		30		646	-636	634	631	1643	673	.620	645	651	732	726		-671 -631	639	629	*643 *715	1667	716		1672	677	674	623	-0

. The numbers in these columns are not observed but interpolated for the sake of obtaining the daily Mean

Gottingen Mean Time	٠,	Noon	. 1	2	3	4	5	6	7.	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daile on
Modrae Mean Tian	ıe.	P. 33. 3 m. 4. 41	h.m. 5,41	b. m.	h. m. 7.41	b. m 6,4)	h. m. 9-11	h,m 14,41	h n it,ii	h - m 18,41	b. m. 13,41	h m 14,41	h-m. 15-41	h m 16,4)	h, m 17,4)	h m 18,41	h m, 19,61	5 m. 20,40	h m. 9(,41	h, m, 92,40	h, m, 23,40	5.m. 0.st	h.m. ).41	h m. 2.41	h m- 3-1)	Mental Mental
FEBRUARY 1855.	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 6 17 18 19 22 23 24 25 6	0-67 72 69 68 73 74 66 66 66 66 68 63 77 77 77 77 77 77 77	071 73 73 74 77 75 69 62 63 73 68 76 88 76 88 76 88 80 80 89 86 88 88 88 88 88 88 88 88 88 88 88 88	6-68 7-79 7-8 7-77 7-77 7-78 8-67 7-75 8-68 8-75 7-71 7-79 8-88 8-83 8-83 8-83 8-83 8-83 8-83 8-8	074286   8797771668   791777779   8484889   89	0·777 -846 -83 -80 -76 -72 -78 -77 -78 -77 -78 -77 -78 -79 -79 -79 -79 -79 -79 -79 -79 -79 -79	0 82 87 67 67 87 88 66 60 67 73 87 73 96 68 68 68 68 68 68 68 68 68 68 68 68 68	0.777 990 	81 電子高温度之一 自立号表記章   五年章立之章   高電影	0.90   60   60   70   60   60   70   60   70   7	* 0.00   445579871   82575838   5388585   85	094 8   99 3 4 78 91 75   95 90 90 90 90 90 90 90 90 90 90 90 90 90	* 0.556   99.244.233   155.3247.555   156.3349.938   938	0.95 86 98 81 83 86 95 95 95 95 97 91 91 92 93 94 95 95 95 95 95 95 95 95 95 95	0-94 93   -96 84 87 83 89 89 89 89 93 93 93 95 95 95 95 96 97	0-91 	0-88 9   91772283 8574   8256 8649144   449285 8774   915	0.78 -8.7 -8.7 -8.5 -7.4 -8.5 -7.5 -8.5 -7.5 -8.5 -7.5 -8.5 -7.5 -8.5 -8.5 -8.5 -8.5 -8.5 -8.5 -8.5 -8	0·72 80 73 73 72 67 68 68 68 68 70 69 181 82 73 73 73 73 74 75 76 77 76 77 76 77 77 77 77 77	0.68 *69 -71 -71 -75 -75 -75 -65 -66 -63 -76 -79 -75 -75 -75 -75 -75 -75 -75 -75	0.68 -70 -70 -72 -66 -61 -67 -62 -68 -67 -72 -73 -74 -75 -75 -75 -75 -75 -75 -75 -75 -75 -75	0-66 	0.66 G1	0.68 653 664 670 688 665 671 677 689 771 699 771 770	0°68 - 60 - 60 - 771 - 66 - 547 - 67 - 63 - 64 - 67 - 78 - 78 - 77 - 77 - 77 - 77 - 77 - 7	0.783 -833 -766 -774 -666 -773 -774 -775 -774 -813 -829 -829 -829 -829 -829 -829 -829 -829
Means	27 28	·65	·72 ·66	·74 •66	•75 •66	·74 ·68	·78 •76	'75 '71	·79 •73	'76 '78	*78 -78	·76 ·77	·85 ·77	·91 ·77	·93	·93	·82 ·74	·67 ·65	·65 ·66	*63 *67	·63 ·64	·61 ·66	·63 ·64	·61 ·64		·74 ·70
TENSION OF THE ATMOSPHERIC VAPOUR. FEBRUARY 1855.	1 2 3 4 4 5 6 6 7 8 9 10 11 1 12 13 14 15 16 17 18 19 20 1 22 23 24 25 26 27 8	-672 -671 -725 -649 -556 -657 -657 -627 -731 -742	0-654 	662 691 721 698 620 576 631 747 747 757 842 850 878 878 878 878 878 878 878 878 878 87	655 688 704 729 6800 681 681 681 681 681 681 681 681 681 681	683 6977 7333 6632 6632 6632 6632 6632 6632 66	6744 -727 -671 -649 -554 -554 -633 -740 -7192 -7	681 686 727 727 663 535 577 651 620 674 621 621 674 621 621 621 621 621 621 621 621	670 701 727 653 652 535 572 698 646 849 849 725 725 726 727 727 727 727 727 727 727 727	640 658 67719 678 629 5355 637 619 620 640 640 628 756 841 786 855 786 855 786	605 -690 -692 -686 -629 -567 -616 -630 -758 -630 -758 -758 -758 -758 -758 -758 -758 -758	688 745 655 630 699 698 624 612 632 760 816 817 817 816 800	In.  - 682 - 571 - 693 - 741 - 654 - 652 - 689	In, 0-644	-605 -663 -704 -635 -558 -631 -639 -639 -631 -639 -814 -814 -816 -816 -816 -816 -816 -816 -816 -816	*616 *7665 *7665 *769 *644 *668 *655 *624 *663 *651 *631 *790 *819 *819 *819 *819 *731 *820 *731 *759 *692	677 -689 -720 -740 -639 -634 -634 -634 -634 -634 -634 -634 -634		10.	In. 6448 675 - 696 675 - 735 733 705 688 - 632 689 669 681 7815 7815 7816 788 748 681 715	In. 6 657 684 656 666 6624 658 661 821 861 861 861 861 861 861 861 861 861 86	674 -686 731 737 7686 562 604 -633 652 -709 846 788 786 803 852 -901 840	In. 0441 654 654 675 6704 675 676 689 689 825 814 766 689 756 689 689 689 689 689 689 689 689 689 68	In. 685 - 695 - 717 - 703 - 679 - 658 - 688 - 688 - 688 - 794 - 825 - 771 - 788 - 771 - 771 - 662 - 677 - 771 - 662 - 677 - 771 - 662 - 677 - 771 - 662 - 697 - 697	In. 0464 (539 (539 (536 (539 (539 (539 (539 (539 (539 (539 (539	Inc.

HUMIDITY OF THE AIR AND TENSION OF THE ATMOSPHERIC VAPOUR,

Men	n he	nt.	Noon	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	15	19	20	21	22	23	Dullyne
New	adres a Tin	ne.	P. H. h. m. 6.41	h. m. 5.51	h.m. 6.41	h.m. 7.41	h, m, 8.41	9.41	h na. 10.41	h m 11.41	h.75. 12.41	h. m. 13 ti	ъ.н. 16,11	h m. 16.11	h m³ 16,41	han. 17.11	b m 18.41	h. m. 19.41	h m. 30-41	h m:	8 m. 92 st	h-m- 23.41	b.m 0.41	b. m. 1,41	b. m- 2,41	3 41	Month
		1 2	971	0.70				0.75	0.79								0.30									0.66	0·75
		3	-67	*81			·78	·79 ·83	*83	'81	*87	*85	83	87	87	93	.85	·87	78	75	·72	·75	7.0	·76	74	76	'81
		6	77		-79	*80		'85 '78	'87 '80	163	.83	*85 *86	·87	'87 '91	*86 *94	·87	187 194	·79 ·87	·78	78	72	·73	·73	·73	-67	·75	- 186
		8 9	-67 -63	70	.76	78	*75 *79 *80	*81 *80 *79	·83 ·83 ·83	'85 '83 '84	188 188 187	'88' '88'	*87 *89	*90 *89 *91	*90 *91 *93	93 91 93	·92 ·91	'86 '84 '83	·76 ·73 ·79	·69 ·67	-66 -67	65 63	64 65 68	·63 ·64 ·67	·64 ·71	184 186 170	77
AIR.		10	-70			- 78		-79	78	79	'80	86	91	91	93	-89	-89	183	78	-69	-66	-75	-65	-63	-64	65	77
9		12 13	-64	•66	.68	·73	·75	·76 ·72 ·79	'76 '75	76	*78 *85	·83	*87	'87 '91	94	91	·89 ·88	'80 '81	66	·62	·67	-61 -68	·59	·61	62	63	77
4	1822	14 15 16	-61 -61	70	174	·73	. 73	.79	·79	81	'83 '81	-89	494	'88	87	·93	·93	*83	74	*67	-68 -61	-61	·63	·61	61	64	77
an internal	MARCH	17 18	-63		72	·73	·72	75		'78 '75	·79	-81	91	'85	91	-91	-88	·87	-72	·67	-67 -65	-67	·63	-61	·64	65	7
1	Ä	19 20	·67	·69	-75	*80	.79	.78	-79	'81	188	·87	'87 '88	*89	·91	-91	·89	*82	-74 -74	-66 -67	·61	-63 -64	-63	·63	·64	·64	-7
2		21 22 23	·67	'71 '71	74	·76	·78	·79	·70	'81 '76	*80	·82	'83	190	91	·90	·89	*83	78	·77	·68	-53 -58	48 53	53	·54 ·60	67	7
		24 25	-67	64	·72		·74	*83	-75 -81	-84	.85	-88	.89	197	97	91	-91	·83	73	73	·63	-59 -65	-60	.60	-80	-68	7
		26 27	-68	-77	-77	'80 '76	·82	·84 ·81	-86 -82	-87	'90 '86	·91	191	101	.91	·91	·91	87	777	72	-66	63	·65	·64 ·63	·63	·70	- 7
		28 29 30	·69 ·73 ·72	74 75	*75 *83	.75	·77 ·86 ·84	·79 ·86 ·66	·82 ·87	·84 ·88 ·89	84 90 87	.86 .80 .80	·87 ·89 ·92	*88 *91	*87 *90	·91 ·91	·90 ·89 ·91	·83 ·82	·77 ·75 ·74	74 71 73	.69 .69	·69 ·70	·68 ·68	*66 *70 *67	·68 ·71 ·71	70 70 71	.5
М	eans		1685	718	752	763	.776	792	-808	'817	-835	.803	884	*897	*906	908	-898	1828	•747	-698	·667	·660	647	-647	-655	·671	17
			In.	In.	In.	In.	In.	In.	In.	In.	In.	Jn,	In,	In.	In.	In,	Īа,	In,	In.	In.	In.	In.	In,	In.	In.	In.	I
		2 3	0724 1716 1889	0-896 -705 -849	9700 9705 9831	0483 •721 •830	0600 1745 1827	0.643 •745 •820	761 821	750 823	9711 747 825	•759	*771	-766	·762	·770	9701 1750	-787	0700 •790	-817	·816	-833	-855	-866	862	-846	• • •
5		5	*844	·824 ·789	803	·801	·803	1624	·825	786		·805 ·794 ·758	*788 *803 *757	·801 ·799 ·763	*816 *796 *769	·798 ·798 ·761	*813 *807 *768	*810 *800 *792	·894 ·819 ·764	*848 *619 *761	*868 *806 *758	·875 ·826 ·742	1873 1837 1740	*870 *830 *749	-643	*828	
varoon.		7 8	715	·723	722	723	·724 ·730	732	'738 '732	·749	-747	739	732	·717	·702	·697	·709	.763	766	'740 '699	·712	·718	.715	*717	1742	.733	
		10	720	716	·729	·764	·758	·727	738 771	·735	·723	720	***	-716	715	•711	722	-739	*781	775	791	-821	770	794	-	8000	1
1	55	11 12 13	·697	·709	711	711	·720	·723	709	-699	700	·780 ·709 •701	·782 ·700 ·702	·699	·734 ·699 ·186	·724 ·699 ·666	*719 *701 *673	.709	794 684 698	*761 *665 *702	758 668 723	*862 *678 *770	+763 +671 +760	·664	*671	.673	4
Alabartania	H 18	14 15	764	*828 *738	*800 *734	712	·723	·751	·747	.750			756	-759	.763	·705	·726	*764	*758	-734	·777 ·727	750	·744 •776	.733	723	739	17
e e	MARCH	16 17	-738 -735	726 732	·726	·712	·728 ·713	·735	777	·753	·749	753	-	740	•723	-734	*758	776	*754	760	770	794	774	-750	_	****	1
-	×	18 19 20	749	·736	·705	·740 ·794	·751 ·776	·725	·767	·766	769	*749 *746 *780		762 731	.740	*728 *736 *750	·707	700 758 803	717 761 790	719 748 787	741 751 761	747	*741 *795 *709	*722 *806 *706	.783	1775	
5		21 23	·786	1812	'790 '830	·797	·809	·795	706	*798 *768	·795	793	·792	788	785	·792	·803	·828	1853	*908 *795	·843	·732	·630 ·683	710	·693	·759	7
ENSINE	-	23 24	·786	·785	756	·756	·751 ·725	·745	·735 ·744	·721	·747	744	741	725	710	712	·734	786		*759	732	*706	·732	_	_	754	-7
-		25 26 27	·844 ·801	950	'853 '848	·856	·864 ·805	·874 ·842	·873	'859 '837	·863	*852 *816	·820 ·841 ·809	*811 *811 *810	*802 *782 *812	786 '811 '784	*778 *840 *822	*874	·829 ·872 ·837	1814 1872 1858	*810 *842 *844	*810 *864 *816	-820 -866 -820	'854 '816	834	*852 *845	*2
		28 29 30	·860 ·894 ·882	861 885 875	'836 '922 '879	·817 ·904 ·877	*833	.840 .915	·864 ·916 ·900	·872 ·918 ·906	-842 -911 -868	845 884 871	*849	'859 '842 '860	'809	·838 ·841 ·836	·869	·874 •934	878	·882 ·886 ·895	.896	*896 *905	873	*885	918	*885	-6-6-

\* The unsabers in these ecianous are not observed but interpolated for the sake of obtaining the daily Means,

6	ettege sea Tr	ra ma,	Noon	. 1	3	3	4	8	6	7	8	9	10	11	19	13	14	15	16	17	18	19	20	21	92	23	
,	Madra can T	s rest.	P. 36. 5 m. 4 41	h,m. b-ti	3.m. 6.41	3.48 7.48	h.m. 6.41	b.m. 0.61	h.m. 10-61	hm	h, m. 17. 61	h m. 13,61	hou last	h m. 16-41	h.m 16 s1	B.on. 17.44	h va. 18.44	h m. 19.41	h,m 10.41	b. se. 11.61	b. m. 21 41	h m. 10.41	b. m. 0.41	h. m. 1.61	h m. 17,41	5 m. 3.41	Doily to Mount Means
,	larch	21		0.75	0-02	0.50	0.85	0.85	0.96	084	0-91	٠		٠													
		i	74	-88	-	754	- 60	_	85	- 20	83	0.92	092	0:90	90	0.87	0.87	0.79	0.70	0.70	9'69	0 67	0.67	0.66	0-67 -67	0 69	0.75
		3	76	-82	62	-81	183	194	-85 86	93	-81	·83	-83	-87	-89	191	-89	73 75	·68	-63	:63	*68	65	-65	-66	-68	-77
		5	196	.78	199	-83	180	-84	183	188	-64	-86	87	-88	*88	92	-86	-77	1645	169	-65 -64	63	63	64	-67 -67	·64 ·71	-78 -73
		7	-79	182			188		*84	-73	-54	186	_	88	-87	87	-68	-80	72	-68	-66	-67	.62	66	-70	-72	-71
		8	-64	-71	75	-78	71	-80	-81	+2	-63	-62 -67	90	92	93	-94	-90	*75 *82	70	-64	-62 -64	·62	.60	-90	*63 *63	-63	76
d		10	175		'77	-78	-71	-80	-82 -79	-84 -79	-65	-88	90	-92	194	-93	-88 -87	79	73	·64	-67 -63	106	161	·63	63	·63	77
AIK		12	-79	77	178	1.80	1 190	+80	-60	-80	-79	-82	-84	-67	189	-86	-97	-80	.73	-67	-65	163	163	70	1691	72	71
	ź	13	71 72	·75	77	-78 -63	175	62	183	-84	-87 -89	-87	- 67	-88	-88	92	-88	-61	71	-69	68	63	65	-61	.66	71	- 22
Š	1835	15	-67	.70			-71	-82	53	-84	84	-90	-91	-91	-90 -98	91	-86 -91	·76	70	-65 -68	-65 -65	63	64	164	63	*65	77
	VPBIL	17	-69	179		.78	-77	-78	181	180	-80 -85	163	-86 -58	-91 -90	95	-89	-84	-73 -81	65	-63	-63	63	61	58	-69	-63	7
Ξ	Αĥ	19	76	177	-82	188	190	-81	200	180	-84	-84	-84 -81	·83	86	1946	-81	74	169	'59	-56	-60	64	.66	'68	-73	.7.
TOMBULL		31	-80	182		'89 '84	-83		.81	'81	-80	-81	_	-	_	-85	_		_	.20	-54	-51	.63	-63	74	-78	-7
ĸ		23	73	-75	76			-86	-86	-87	-87	-86	-90	91	-95	93	-88 -87	-80 -78	178	-64 -65	-65 -68	·64	70	-70 -65	-69	·65	7
		24	775	·76	-86 -76	'81	765		87	187	-63	190	-91	-93	-91	98	-86 -86	-80	71	70	109	67	101	-66 -63	-69	69	- 15
		26 27	73	-81 -76	194		183	184	83	-91	·79	-90	-60	*84	-87	84	-50	72	'57 '73	- 49	149	43	52	·66	·58	-64	7
		28	.60	72	.76	78			83	85	-90	-89	-	-94	-95	- 96	_	_	13	-50	-	_	_	-50	-	-00	-
		30	-63	-69	78	-80	'89	-62	82	84	-88	-88	-88	.93	89	93	·92 ·55	·76	.22	-51	*88 *45	-61 -51	63	-62	·60	-71	7
2	tean	ı.	717	-758	-793	*806	.814	*837	-837	-833	1842	-863	879	-896	-909	907	865	774	-691	-644	627	625	*634	641	-862	-685	7
_	_		In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	16.	In.	In.	In.	In.	In.	In.	- 1
3	larel	31	0.889	0-917	0-685	0-166	0:993	0937	0.167	0474	0:381	0505	0 102	-	01954	0463	0 661	-	0.622	0401	0919	6100	0-102	0-907	0909	0911	0.81
		2		942	1934	925	205	910	910	873	1888	1896	905	207	910	1893	903	886	872	*817	1839	1684	-891	1896	-888	19/15	-60
		3	929	951	-9/24 -8/00	903	9:17	908	913	A12	849	-813	822	1835	'849 '881	1872	1883	845	·847	1864	852	923	1995	1896	-873	1834	-60
		5		-9(1) -920	'891 '918	1894	1926	7014	917	1880	858	-861 -867	1854	861	1868	881	-576 -552	913	18Q8 1686	976	917	920	902	1893	-619	930	-63
3		7	-964	935	924	5933	879	.94\$	878	739	719		791	-700	789	773	-607	-811	-807	721	503	808	796	790	-	791	-61
ā		9		620	817	820	-820	832	823	811	814	·753	814	-805	797	755	801	*8KI	835	1820	'819	-796	-817	1820	811	-879	167
5		10		790	'846 '773		1528 1780	*825 *780	788	782	1035 1796	797	1907	·803	788	794	798	'817 '791	832	769	*813	611	·793	830	6.38		·85
-		12		882	1853	869	·863	1856 1894	808	851	*813	906	612	·834 ·871	·866	852	986	985	881	*869 *880	965	·852	·877	1945	908	907	-54
ALROSTIBRIO VALOUR	3	14		912	893	909	-910	910	94	911	914	200	944	984	904	372	593	-890	SND	-869	896	886	-894	-899	916	-890	- 90
1	1	16		809	1118	833	678	1894	901	900	610	-9496	'863	108	'861	7455	:899	-897	874	.875	19953	848	1503	1995	870	'RNS	-87
	PRIL	17	1827	4477	803	854 842	1850	1834	801 807	533 504	903	911	817	.846 .818.	908	7019	851	637 948	1634 1814	·853	915	93H	905	1810	961	956	- 66
	A	19	947	-D48	938	937	931	911	·897	101	901	903	903	938	911	947	907 928	-916	·9005	866	872	906 N94	936	939	1961	974 1-010	191
		21		995		999	990	959	-951	931	942	961	_	950	957	971	973	-975	941	_	-	-010	_	_	-	0-595	-04
5		23		-000		957	953	967	961	940	940	943	1995	1930	953	968	1965	-941	.843	932	1946	973	961	975	963	956	-90
Š		25	924	996	1916	0.924	928	.820	963	933	937	936	976	939	1-016	0-040	1956	975	918	965	1958	958	943	949	960	945	97
		26 27	-983	983	989	964	944	1914	925	916	1956	946 956	*836	1855	974	935	829	931	967	768	791	716	970	940	963	917	96
		28		903	878	1696		0.522	919	0-323	947	202	917	200	913	7053	893	563	-885	-848	1907	911	970	871	-801	973	-94
TOTAL PROPERTY.		90								678	882						-836	905							-948	970	100

<sup>&</sup>quot;The numbers in these columns are not observed but interpolated for the take of obtaining the daily Monn

Gottingen Mean Time.	Noon.	. 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	
Medras Mean Time,	P.M. h un. 4 41	h.m. 5. 41	h.m. 6-41	h,m 7. 4l	h.m. 8-41	h.m. 9-41	h.m. 10. 41	b.m. 11. 41	h, m. 13, sł	h m. 13. 41	h. to. 14.41	h. m. 15, 41	h m 16-41	b. m. 17. 41	b. m. 18 41	h. m. 19, 41	h, m. 20. 41	h. m. 21. 41	h. m- 23 41	h. m. 23, 41	h- m 0. 41	h m. 1,41	h.m. 2.41	h. m. 8. 41	Daily ar Month! Means
1 2 3 4 5 5 6 7 8 9 9 10 10 11 12 13 14 14 16 7 18 18 19 20 22 24 24 24 25 26 26 30 30 31	0.74 -73 -63 -72 -63 -64 -62 -68 -63 -56 -56 -56 -56 -56 -57 -63 -56 -68 -56 -56 -56 -56 -56 -56 -56 -56 -56 -56	079 783 773 6 — 668 80 76 80 76 83 8 76 8 76 8 77	081 84 80 80 7-2 755 8877-88 877-88 877-761 8877-761 8877-777-77	0.82 877 82 82 757 787 885 852 864 -757 885 897 99 -788 711 -788 717 7481 -707 777	083 844 844 843 777 44 80 90 88 85 82 647 77 811 78 81 73 75 88 1 73 76 77 77 77 77 77 77 77 77	087 86 86 84 82 87 81 89 88 88 88 88 77 80 73 73 75 75 76 77 76 77 77	0866 87 86 86 88 88 88 88 82 82 74 82 82 77 77 77 82 77 77 77 77 77 77 77 77 77 77 77 77 77	089 86 86 85 — 8 84 89 88 77 77 4 83 76 — 79 78 3 — 77 76 77 77 76 77 77 77 77 77 77 77 77	0.888 855 884 - 844 899 874 881 883 75 - 778 865 83 - 704 71 72	**************************************	0922 888 888 90 822 897 91 90 8 4 88 777 79 8 88 777 644 68 774 78 78 78 78 78 78 78 78 78 78 78 78 78	• 098233   44088918   81877988   177580   17758   167798	0°88 90 91 90 85 91 885 87 91 888 87 73 78 662 666 755 77 69	087 88 89 48 48 48 48 48 48 48 48 48 48 48 48 48	0.88 24 48   763 34 41 52 2   771 768 771 75	0 77	0-66 -70 -71 -67 -71 -64 -64 -64 -68 -65 -67 -46 -68 -65 -67 -73 -68 -65 -67 -73 -73 -73 -73 -73 -73 -73 -73 -73 -7	38 40 54 68 40 43 48 50 41 47 42 45 46 46	0.50 65 63 67 45 57 54 61 43 31 55 66 35 41 47 35 40 35 40 41 43 44 47 47 47 48 48 49 40 40 40 40 40 40 40 40 40 40 40 40 40	0 55 61 61 39 55 7 58 50 62 49 44 428 37 30 64 34 34 34 34 38 38 38	0-62	0.655 -70 -60 -53 -564 -81 -53 -47 -46 -43 -36 -35 -45 -47 -47 -46 -47 -47 -46	0-66 67 67 660 533 559 655 656 650 526 658 441 452 441 453 447 650 650 650 650 650 650 650 650 650 650	669 57 68 60 69 64 51 46 54 66 66 66 66 57 64 52 52 52 52 52 54 54 54 54 54 54 54 54 54 54 54 54 54	0 777 777 766 
Means.	-616	695	·764	784	·791	-799	-797	·806	-800	·80 <b>6</b>	·807	*808	*805	797	-736	.652	-571	-516	483	·464	·484	*504	-529	-556	.6
1 2 2 3 4 4 5 6 6 7 8 8 9 10 11 12 12 12 12 12 12 12 12 12 12 12 12	980 857 973 889 954 905 985 968 890 973 861 790 872 859 986 857	972 910 952 828 933 991 923 991 926 1.003 1.008 1.008 1.008 1.008 9.949 9.949 9.989 9.949	921 975 975 977 957 957 957 968 0-943 1-047 0-942 963 1-047 7-022 0-973 	-940 1-043 -012 0-978 1-022 	970 970 998 966 975 939 991 985	0-953 1-034 -015 0-999 1-049	011 0-995 999 1-005 0-957 875 909 987 989 934 	996	In. 0911 943 895 1965 4965 4965 4965 4965 4965 4965 4965 4	In. *     * 943	In. 0482 9941 9842 9871 9871 9872 9877 9941 1005 9133 834 928 923 923 8874 964 923 8877 8894 9278		977 981 924 922 808 857 984 812 812 813 953 775 866 877 887	In. 0845 961 8846 9893 9893 9893 9893 9893 9893 9893 989	In. 0-919 978 860 967 896 9878 860 967 896 8987 996 8987 761 761 764 865 865 768 865 865 865 865 865 865 865 865 865 8	In. e908 970 906 932 980 970 906 932 981 963 994 7770 862 986 777 793 853 976 777 863 838 777 783 838 838 838 838 838 838 83	921 896 937 700 753 722 828	In. 0613 850 850 8840 940 911 925 11:004 942 942 942 6623 6625 6625 7623 8546 7783 856 752 8548 856 856 857 858 856 857 858 857 858 858 858 858 858 858 858	0-898 -843 -979 -784 -753 -591 -851 1-000	969 969 968 765 559 882 990	In. 0919 853 968 838 838 9927 8521 9546 9544 8216 954 954 648 853 9927 763 853 853 853 853 853 853 853 853 853 85	In. cont 824 1-00t 6-899 875 845 877 8867 899	In. 0987 882 962 962 875 9858 875 9859 9899 9898 8814 8466 8468 866 868 868 868 868 868 868	19. 19. 19. 19. 19. 19. 19. 19. 19. 19.	16 日日日日 - 《日日日日 - 《日日日日 - 《日日日日 - 《日日日日 - 《日日日日 - 日日の日日日 - 日の名のの日で - 《本日のから)。

. The numbers in these columns are not observed but interpolated for the sake of obtaining the daily Means.

Me	Stings on Tie	es,	Noon	. 1	ź	3	4	5	6	- 7	8	9	10	11	19	13	14	15	16	17	16	19	20	21	22	23	Daily as
	dadra no T		F N. 6-61	h m.	6 el	h m. 7.41	5 m. 8,41	b m. 0,41	h. m. 10.41	h.n. ii si	h m 12.41	h m, 10,41	14 el.	b, 10,	b. m. 16 61	h.m. 17.41	b, m 18,41	19 el	h n Mid	b. m. 01.41	n, ai	n,a	5, m 0,41	1.0°	b m 2,41	5.41	Meeth
HUMIDITY OF THE AIR.	JUNE 1855.	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 19 21 22 34 5 26 27 28 9	061 57 - 54 517 64 69 4 - 11 774 66 61 60 74 - 610 41 41 51	0711 9 62 59 772 773 77 63 66 62 772 63 64 62 777 73 41 50 475 69 62 777 73 41 50 65 62 777 73 41 50 65 62 65 62 65 62 65 62 65 62 65 62 65 62 65 62 65 62 65 62 65 62 65 62 65 62 65 62 65 62 65 62 65 62 62 62 62 62 62 62 62 62 62 62 62 62	0-74 88 -	0.72 1 -771748 6079 -68 60 64 6074 60 -68 74 77 76 79 -88 64 66 77	075 61 -79 722 732 81 74 -87 738 825 72 -738 74 -87 74 81 74 825 72 81 70 80 85 72 85 79 76 76 76 76 76 76 76 76 76 76 76 76 76	0 465 174 177 177 177 177 177 177 177 177 177	-81 -70 -64 -88 -81 -64	0°60 -65 -71 -76 -76 -75 -75 -75 -75 -75 -75 -75 -75 -75 -75	-88 -88 -73 -78 -88 -77 -77 -77 -77 -77 -77 -77 -85 -77 -77 -77 -77 -77 -77 -77 -77 -77 -7	** 0 72 70 884 775 78 87 78 87 775 80 81 82 777 744 81 82 776 87 88 92 86 87 87 88 87 88 87 88 88 88 88 88 88 88	-88 678 777 77 61 -87 84 87 87 77 70 73 84 84 84 84 87 77 77 77 78 84 84 84 84 86 86 86 86 86 86 86 86 86 86 86 86 86	* 08 - 62 077 76 07 - 67 08 44 18 25 - 67 77 58 8 4 91 8 25 - 67 77 58 8 78 4 9 75 65 65 79	0 88 55 74 85 74 85 74 85 74 85 77 84 83 78 77 84 83 78 -	978 - 599 681 744 76 - 666 176 61 776 61 776 68 78 78 78 78 8 78	0°65 64 75 75 77 77 78 80 78 80 77 79 88 60 76 76 77 76 80 77 77 77 80 77 77 77 80 77 77 77 77 77 77 77 77 77 77 77 77 77	0 -53 -50 -56 -64 -64 -67 -71 -71 -71 -71 -65 -74 -65 -74 -65 -74 -67 -68 -76 -76	0*47 48 -	0 46 40 49 51 51 51 51 51 51 54 66 66 61 74 49 44 50 54 56 56 56 56 56 56 56 56 56 56 56 56 56	043   33 4 7 9 4   5 5 62 7 5 3 6   6 1 9 4 4 5 4 6 6   9 4 4 5 8 9 6 7 6 8	0°35 40°39 47°35 51°59 52°55 45°59 44°37 44°55 45°59 4	0 34 25 43 61 51 57 57 57 57 57 57 57 57 57 57 57 57 57	0 34 4 50 551 550 40 543 348 49 45 45 55	0-46 -40 412 59 637   636 62 61 610   530 544 651   636 62 61 610   636 64 64 64 64 64 64 64 64 64 64 64 64 64	0 66 43 43 43 66 62 36 62 36 55 67 72 44 44 43 45 55	0-61
,	fesci	a.	-610	-000	715	740	776	776	-783	779	-766	-777	782	784	1778	778	727	-658	-602	-556	-208	-496	-491	-496	*526	-562	-67
			In.	In.	In.	În.	In.	In.	In.	In.	In.	In-	In.	In.	In-	In.	-	In. 0788		In.	In. 0.908	In.	In.	In. 0-140	In.	In.	In 0:84
TENSION, OF THE ATMOSPHERIC VAPOUR.	JUNE 1835.	3 4 5 6 7 8 9 10 11 1 13 14 15 16 17 18 19 20 21 22 22 22 22 22 22 22 22 22 22 22 22	980 940 916 988 976 976 976 988 976 985 971 980 988 928 987 715 798 738		948 948 951 988 951 947 1-012 988 961 967 841 884 886 920 875 775 886 877 877 877 877 877 877 877 877 877	0-504 995	0-924 1-904 0-909 952 843 464 472 869 951 974 873 983 983	974 974 897 866 880 904 951 897 888 1013 9-163 9-163	965 965 197 966 867 951 853 901 1-96	957 906 978 987 987 985 983 963 951 836 952	925 833 818 918 918 910 910 951 11 878 902 917 878 917 878 917 919 919 935 818 920 935 818 920 935 818 935 818			762 768 768 767 761 902 885 761 919 885 653 778 843 778 843 853 778 843 867 867 867 867 867 867 867	772 781 894 841 986 60 905 832 811 852 871 889 889 871 889 889 871 875 889 871 875 876 877 877 877 877 877 877 877 877 877	938 978 916 982 901 987 838 785 924	'806 '842 '867 '731 '794 '687 '763 '890 '857 '771 '756 '789		767 852 863 876 761 784 923 888 865 873 965 716 716 716 716 716 716 716 716 716 716	736 742 1937	-802 -676 -740 -740 -847	702 739 783 7847 904 801 923 947 803 803 709 778 778 778 778 778 778 778 778 778 77	704 7773 842 902 764 907 907 907 760 7735 769 907 7736 779 907 7719 7719 7719 7719 7719	749 823 877 918 938 839 839 839 839 849 774 824 725 725 727 727 727 727	915 690 704 771 733		

HEMIDITY OF TH		ATMOSPHERIC VAPOUR

Gottinges Mean Time,	Noon	. 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily an Monthly
Madras Mosa Time.	8.M. h.m. 6,61	h m. 5-41	b.m. 641	h-m. 7.61	b.m. 8,11	h m 9.41	b. m. 10.41	h. m. 11.41	b. т. 19.41	h. m. 13.41	h. m. 14.41	b. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22,41	b. m. 23.41	b to. 0.41	h,m. 1.41	h.m. 2.41	3.61	Means.
June 30	0.24	0.58	0-00	0.66	0.00	0.68	0-69	0-60		٠		٠													
1 2 3 4 5	-42 -63 -65 -59	·63 ·64 ·69 ·67	78 78 73 73	·75 ·79 ·77 ·75	78 79 77 77	·77 ·78 ·75 ·77	·79 ·77 ·81 ·78	·76 ·79 ·81 ·74	*59 *81 *76 *83	0.74 -59 -80 -78 -84	0·78 59 •78 •89 •84	0.82 61 79 83	0.85 .63 .79 .86	0°80 '66 '71 '80 '81	0-66 -61 -66 -65	0.58 .56 .59 .60	0·52 ·56 ·56 ·53 ·64	0.50 .51 .52 .53	0°45 '49 '50 '47 '50	0°44 '47 '46 '44 '48	0 42 46 44 42 49	0:40 :43 :46 :38 :55	0·37 ·42 ·48 ·58 ·56	0·42 ·54 ·56 ·60 ·58	0.60 66 66 66
6 7	·61 ·70	·68	.79	·76	·82	·81	'81 '84	·80 ·84	·81	-83	-85	'86	.86	-87	85	•78	.73	-66	-60	.57	.25	.21	-51	.63	73
10 11 12 12 13	'56 '44 '39 '43	·72 ·47 ·55 ·58 ·62	·76 ·69 ·62 ·71 ·75	·78 ·67 ·76 ·74 ·78	-80 -70 -75 -76 -73	*81 *71 *75 *74 *83	'63 '76 '75 '75 '75	*84 *80 *69 *79 *80	80 78 79 83 83	·91 ·82 ·75 ·69 ·81 ·86	-90 -83 -71 -67 -78 -88	93 63 69 67 71	·95 ·82 ·66 ·67 ·64 ·93	90 73 64 65 65	·82 ·64 ·61 ·62 ·62 ·81	-74 -63 -59 -58 -56 -70	·64 ·56 ·54 ·53 ·57 ·65	·62 ·53 ·50 ·51 ·58 ·59	·57 ·51 ·45 ·50 ·47 ·55	·54 ·50 ·43 ·48 ·45 ·49	'51 '45 '40 '46 '43 '43	51 45 40 47 40 43	·47 ·43 ·38 ·46 ·40 ·42	'46 '44 '38 '43 '44	73 67 59 59 61
81 ATOL 19	-67 -54 -87 -51	-70 -54 -88 -73	·72 ·62 ·87 ·76	·76 ·62 ·87 ·79	-68 -68 -82 -76	'64 '80 '88	79 79 81 86	·78 ·83 ·80 ·86	78 78 85	-81 -81 -86 -78	-82 -83 -87 -75	·81 ·82 ·84 ·75	-80 -80 -81 -75	·76 ·75 ·79 ·76	72 73 74 73	-66 -68 -66 -75	·66 ·61 ·65 ·62	·63 ·63 ·65	·56 ·53 ·56 ·56	·53 ·45 ·52 ·50	51 '46 '45	-55 -45 -48 -46	·50 ·44 ·47 ·46	·50 ·47 ·50 ·45	69 64 72 68
20 21 22 23 24	'47 '45 '63 -62 '55	65 65 86 -69	·60 ·67 ·87 ·79 ·75	·84 ·71 ·87 ·87 ·81 ·76	*80 *74 *89 -80 *80	77 91 74 80	79 91 77 84	·90 ·75 ·96 ·77 ·83	'87 '69 '96 	-81 -70 -94 -75 -81	74 ·70 92 ·76 ·82	77 ·70 -91 ·82 ·77	*79 *69 *89 *87 *71	·82 ·70 ·84 ·78 ·69	·75 ·73 ·79 ·75 -67	·69 ·70 ·76 ·68 ·64	·64 ·66 ·67 ·61 ·56	·61 ·59 ·61 ·59 ·54	·58 ·54 ·60 ·52 ·51	·53 ·49 ·58 ·49 ·47	*47 *47 *55 *47 *45	*46 *46 *52 *43 *43	-46 -63 -55 -37 -40	*41 *80 -57 *38 *41	'65 '78 '66
25 26 27 26 29	·48 ·68 ·57 ·69	56 69 59 66	73 73 70 72	79 76 72 71	·81 ·86 ·71 ·77	·82 ·74 ·76 ·79	·82 •76 •80 •80	·77 ·77 ·86 ·84	·83 ·81 ·83 ·84	·84 ·83 ·79	·84 ·84 ·75	·81 ·86 ·77	71 77 88 79 78	-88 -86 -72	-67 -84 -70	-60 -68 -57 -59	·56 ·62 ·56 ·58	·53 ·54 ·51 ·51	52 50 49 -49	47 48 46 46	9353-1	44 44 44 44 44 44 44 44 44 44 44 44 44	8-44-8	-48 -44 -60 -61	65 65 61
30 31	·66 ·71	·78 81	78 78	-82 -79	·81 ·81	·78 ·81	·76 ·70	·80 ·80	·72 ·80	·71 ·80	·69 ·79	-73 -80	77 81	·75 ·74	·69 ·72	·68 ·65	.62 .62	·54 ·53	·48	47	·45 ·44	·43 ·44	·46 ·51	45 64	·65
Means.	677	662	733	765	776	781	•798	.803	·795	·795	789	•794	.793	761	711	653	601	-562	·519	487	· <b>4</b> 61	451	460	-510	-66
		In.	ln-	In.	In.	In.	ln.	In.	ln.	In.	In.	In.	In.	ln.	In.	ln.	In.	In.	In.	In.	In-	In.	In.	In.	In
June 30 1 2 3 4 5 6	720 831 941 881 876	-858 -827 -910 -909 -915	946 -896 -900 -920 -968	918 916 908 921 951	-943 -916 -908 -915 -967	941 904 896 915 959	·887 ·946 ·911 ·951	905 917 926 867 889	**************************************	916 916 902 890	698 702 898 920 870	**************************************	914 1870 1813	731 775 865	0.760 1718 1744 1743 1851 1853	9714 •733 •733 •738 •873 •839	0-739 '743 '741 '732 '833 '837	0745 '735 '739 '778 '822 '843	9717 1770 1746 1758 1798 1847	9781 758 724 766 787 855	7777 7777 7731 7754 7820 7842	·777 ·777 ·734 ·851	0-697 -756 -799 -886 -871 -854		0.75 .79 .83 .85 .86
LY 1855.	-803 -707 -672 -692 -720	931 739 780 810 851	929 966 867 824 891 940	925 -962 -825 -934 -906 -921	925 949 841 908 908 895	958 -952 847 910 867 892	938 -967 885 910 877	-931 -964 -920 -838 -911 -861	*984 *895 *865 *858 *954 *917	997 905 836 826 929	0-916 -807 -794 -904	779 776 820	752 747 736	780 705 720 751	918 ·704 ·709 ·691 ·741 ·899	924 720 707 766 732 832	*856 *705 *694 *705 *741 *808	-871 -704 -717 -722 -753 -781	-864 -719 -693 -718 -705 -792	*850 *737 *706 *726 *710 *737	·855 ·718 ·689 ·725 ·720 ·706	-794 -708	*841 *706 *691 *769 *721 *755	*809 *702 *690 *736 *759 *832	-92 -83 -76 -78 -80 -85
2 P 18	770 906 767 753 773	764 899 891 810 942	-839 -909 -907 -828 -910	-899 -802 -883 -884 -870 -877	924 833 838 794 830 902	'810 '887 '832 '908	920 -850 -819 -914 -872 -901	*899 *934 *842	·825 ·837 ·847 ·832 ·903 ·779	*842 *857 *853 *801 *833 *779	·877 ·859 ·771 ·763	·851 ·832 ·764 ·775	-825 -807 -757 -787	785 787 752 7811	775 745 769 789	775 758 840 795	'770 '776 '777	·745 ·898 ·793	-772 -758 -717 -802 -779 -761	757 716 724 783 762 751	*717 *806	·745 ·763 ·764 ·763	·719 ·734 ·750 ·767 ·766 ·900	727 750 771 748 741 904	*80 *80 *81 *80
20 21 22 23 24 25 26 27	-929 -900 -851 -766 -884 -863	936 934 -868 -881 -844	990 938 959 895 888	900 -973 928 951 906 883	914 950 949 952 968 880	'869 '925 '957 '820 '906	·864 ·848 ·944 ·948 ·838 ·922		792 887 949 863	-870 -794 -893 -955 -860 -873	900 900 969 870	-839 -831 -900	-881 -765 -846 -887	7775 7715 7740 7870	784 723 742 878	786 775 733	765	782 735 732 742	·752 ·713 ·739 ·737	.770		718 712 729 759	·815 ·647 ·679 ·721 ·766 ·825	-848 -667 -676 -750 -764 -890	-85 -81 -83 -83 -83
28 29 30 31	-843 -888 -920	959 946	915 949 910	-931 -976 -917	940 -957 -926	939 944 924	917 919 885	970 -936 -891	962 8-10 879	·899 ·817 ·853	.794	820	*846	820	.771	.803		761	766 765 768	755 754	*760	735	768 763 830	·870 ·737 ·900	· 8

<sup>.</sup> The numbers in these columns are not observed but interpolated for the sake of obtaining the daily Menns.

Gottingen Mean Tume.	Noon.	. 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Davis sad
Mudras Mean Time.	P. M. b.m. 4-41.	h. or. 6. 41	h.m. 6.41	h. m. 1 7.41	h. m. 8, 41	h. m, 9, 41	h-m. 10, 41 I	h.m. 11, 41	b. m. 12. 41	h. m. 18. 41	h m.	h m. 15. 41	b. m. 16 41	b. m. 17.41	h. m. 18 41	b.m. 19.41	h·m. 20.41	b. er. 21.41	h. m. 22-41	h.m. 23,41	b. m. 0.41	h.m. 1.41	b.m. 2,41	b-m. 3.41	Duly and Monthly Means,
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20 21 21 22 23 21 25 26 27 28 29 30 31	*61 *51 *49 *49 *80 *71 *46 *56 *41 *75 *68	-63 -53 -51 -65 -83 -73 -50 -50 -42 -75 -73	-67 -54 -67 -75 -87 -77 -53 -65 -64 -78 -69	*66 *55 *72 *75 *87 *88 -50 *68 *68 *80 *69	66 58 75 75 88 91 	73 58 70 90 84 88 -86 76 77 83 72	73 62 70 86 79 88 87 78 80 83 76	73 67 78 84 76 86 89 80 83 72	*75 *87 *74 *76 *82 *84 -89 *82 *84 *72 *811	*80 *87 *73 *81 *83 *77 *99 *83 *86 *76	*85 *86 *72 *85 *84 -70 *90 *78 *81 *87 *77	·87 ·82 ·75 ·87 ·83 ·79 ·90 ·77 ·82 ·84 ·77	*88 *77 *78 *88 *62 *74 *89 *76 *80 *76	*87 73 *76 *77 *83 *67 *84 *71 *75 *77 *68	·80 ·60 ·73 ·60 ·81 ·64 ·82 ·71 ·72 ·74 ·62	66 66 65 64 74 61 77 63 63 63 58	58 69 58 61 64 	-56 -58 -51 -56 -59 -48 -65 -50 -53 -47 -49	51 54 47 51 53 -47 59 47 49 44 41	'46 '41 '51 '49 '45 '45 '43 '41 '37	'47 '48 '41 '50 '44 '41 '55 '43 '42 '39 '46	·45 ·47 ·38 ·58 ·43 ·42 ·49 ·42 ·41 ·38 ·53	'44 '39 '69 '54 '44 '48 '42 '56 '41 '55	-41 -45 -36 -82 -53 -43 -51 -36 -64 -64 -64	- 666 - 624 - 611 - 716 - 725 - 665 - 704 - 624 - 686 - 641
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TENSION OF THE ATMOSHIBKIC VAPOUR. AUGUST 1856. 10 6 8 2 9 5 7 7 2 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	*849 *794 *836 	984 897 842 833 842 855 891 855 891 895 896 900 902 895 777 749 890 900 900 900 900 900 900 90	0988 916 917 836 987 887 887 993 887 9947 925 808 883 949 948 918 918 918 918 918 918 918	0570 025 6-872 8-68 8-45 8-845 8-918 8-918 8-919 8-918 8-919 8-919 8-919 8-919 8-919 8-919 8-919 8-919 8-919 8-919 8-919 8-919 8-919 8-919 8-919 8-919	0919 921 818 818 856 845 845 921 928 887 898 848 811 720 933 934 935 935 887 888	849 921 911 886 850 	*890 *828 *882 *820 *799 *909 *929	*882 *872 *838 *7877 *851 *870 *821 *845 *802 *916	872 903 813 791 836 844 -795 888 924	*793 *825 *833 *816 *853 *789 *879 *909		817 855 922 783 844 867 877 872 925 861 871 824 885 865 870 885 867 870 885 886 886 886 886 886 886 886 886 886	0490 931 819 - 751 805 780 847 780 847 783 862 887 878 818 818 818 818 818 818 818 818	*801 *821 *750 *803 *720 *785	9912 -8177 -7740 -740 -740 -737 -828 -857 -819 -878 -878 -878 -878 -878 -789 -789 -789 -789 -789 -789 -775 -789 -775	0400 836 778 728 707 7735 7737 817 894 894 896 880 709 776 770 770 770 770 770 770 770 770 770	0-817 -789 -792 -669 -730 -730 -841 -843 -847 -748 -848 -748 -748 -758 -778	0 838 7785 7786 727 691 693 809 839 847 715 856 847 703 714 770 656 677 673	·752 ·741 ·675 ·754 ·668 ·717 ·634	7400 658 7044 7790 7690 7690 837 846 879 7763 818 830 848 848 850 661 7763 7740 866 740 866 867 7740 866 867 7740	76882 - 7658646 - 7688 - 7688 - 7688 - 7688 - 7688 - 7699 - 8044 - 7699 - 8093 - 7699 - 7737 - 7737 - 7737 - 7640 - 7838 - 6692 - 7658 - 6622 - 7658 - 7640 - 7838 - 7640 - 7838	·669 ·684 ·647	-863 -833 -697 -698 -703 -779 -685	683 720 708 708 708 916 916 922 862 884 915 673 678 670 720 850 907	0-885-800

<sup>.</sup> The numbers in these columns are not observed but interpolated for the sake of obtaining the daily Means.

HIMIDITY OF THE AIR AND TENSION OF THE ATMOSPHERIC	

	an Tin	10	Noor	. 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily as Monthl
	dadra an Tic		P. M. b. m. 4.41	h. m. 4.41	h.m. 6.41	h.m. 7.41	b.m. 6.51	h. m. 9.41	h. m. 10,41	h. m.	h. m. 12.41	h. m. 13.41	h.m	h. m. 15.41	h.m. 1641	b. m. 17.41	h. m- 18.41	h, st., 19.41	h. m. 20 41	b. m.	h.m. 22,41	h. m. 28-41	h.m., 0.61	h.m. 1.st	h m.	h.m 3 tl	. Means.
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		1 2 3	0-69	0.72	0.74	0.76	077	0.76	0.78	0.76	0.79	0.80	0.81		0°87				0.60	-050 -59	0.46	0.43	0:43	040 58		0.28	0.68
		4 5	71	·74	·75	·75	·77	·80 ·77	·80 ·79	·83	-86	-73 -85 -82	'76 '84 '84	·81 ·87 ·83	-89	85 83 83	180 180 170	·72 ·70 ·63	·64 ·66 ·58	55 54	*50 *50	·46	44	·44 ·45	.63 .69	64	·70
		6	-63	·70	74	·73	·83	·77	·78	79	'80 '82	·80	'80 '84	·82	84	·82	·83	·77	59	·52	'47 '44	43	40	36	-52	·60 ·62	-66
		8	-66	-69	.76	.78	.79	.81	-80	-81	-84	-88	-92	94	.06	.89	-88	-82	72	.66	-64	62	-62	.64	-66	-70	-77
į		10	·74 ·69	·81	·84	·84	*88 *79	*90 *86	-90	.93	·87	·88	·88	·86	.83	90	·84 ·80	·83	·82	65	·70	·68	·65	·62	-66 -52	-67 -58	·84
AIR.	e,	12	·65	·68	74	·78	·81	·83	·83	·83	·82	185 184	'88 '84	·93	'98	·88	·77	·73	·65 ·76	'61 '79	·55	·51	.21	·63	·69 ·58	·68	7.78
THE	1822	14 15	·75	·80	'83 '69	·86	·88	·88	·91	·92	-92 -79	.90	-88	-88	-88	-84	*86	-81	78	70	63	.61	.63	-60	-61	-60	-71
5	SEPTEMBER	16 17 18	-66	'74 '68	·78	·76	·78	·72	·81	184	·82	*83 *85 *84	·87 ·88 ·84	*88 *87 *86	.88 .88	·88 ·85 ·86	·75 ·88 ·86	·65 ·82 ·75	·61 ·75 ·62	'67 '62 '55	'54 '59 '53	·50 ·53	·57 ·64 ·57	-56 -63 -55	-59 -61 -56	-63 -66	-70 -7-
	TES	19	·66	·72	'73 '74	·74	·78	*80 *81	·80	·81	'80 '82	·82	83	·84 ·82	'84 '84	·86	85	·73	·68	59	55	-52	·55	-52	·59	-60	-71
i carpiti	SEI	21	·65	'71 '72	-76 -79	·80 ·78	·79	*84 *77	·89	·84 ·80	186	-88	-90	-89	-88	90	-87	-77	.69	.63	-61	.60	.67	-58	-62	-63	-71
1		23	73	-81	84	184	-84	-86	-86	-87	91	·84	·88	·88	'88 '93	92	91	·81	·73	'68 '77	·61	65	·66	-67 -71	-66 -81	-65 -81	.7
		25 26	-80 -81	·81	'89 '88	999	92	*88 *96	92	93	.91	93	-95 -98	-93 -97	'91 '96	.91	-91 -92	94	'89 '81	77	·76	·78	77	-76 -70	·76	·77	·8
		27 28	75	·77	'82 '82	·84	'86 '85	'88 '88	·92	93	-92	-94 -86	-96 -85	95 84	*94 *83	194 189	·93	*88	77	·72	·65	·71	·69	-65 -67	·65	·69	·8:
		29 30	77	-82	*82	-84	-86	-88	-86	-87	-88	-86	84	.86	-87	81	81	.79	.77	.76	.70	64	-66	-65	-67	66	-71
Ъ	fean	9.	-694	.741	.780	-801	·818	-829	844	848	844	858	-869	879	·886	·870	·843	.780	704	·643	-598	-582	.588	585	625	-657	-74
			In.	In.	In.	In.	In,	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In,	In.	In,	In.	In.	In.	In.	In.	In.	In
		2	0906	0 907	0 897	0.908	0.918	0.791	0.890	0876	0'856	0-674	0'662	0 885	0-910		0 839	0'815	0774	0 693	0476	0-666	0704	0-696	0-812	0.819	0.83
		3	.831 .805	·906 ·897	1946	·957	1936	-920	908	1930	936	926	·792	923	.836 .929	861 854	·830	771	·819 ·784	·802	·795	·807	718	'855 '716	791	·881 ·878	8
5		6	·959	859	814	853	*855 *896	1848	·873	'877 '858 '881	'859 '859 '897	864	870	854	847	875	'840 '864	'747 '850	736	·729 ·694	674	·726	612	629	770	827	181
VALOUE		8	·850	·873	889	*895 *908	·897	946	914	.916	*842	.883	922	913	-856	847	850	'817 '864	690	·708	·683	·664	703	831	-889	908	-81
		9 10 11	929	945	938	·939	945		962	978	940	925	911	·835	·760	758	784	'814 '819	'830 '806	'863 '779	838	848	804	·826	·874 ·779	884	-84
ALMOSTBERIC	35	12	841	850	875	915	928	.931	923	974	865	·874	884	914	·945	884	794	'810 '787	'808 '820	811	.808	·779	787	'897 '845	·894 ·823	889	-86
3	R 185	14	·897 ·878	920	926	935	949		·977	·975	1965	.939	913	897	·862	844	.864	-893	917	884	.863	857	865	827	.845	-862	191
2 2	EPTEMBER	16	842	-877	897	819	825	_	-887	-908	865	·854 ·873	880	'884 '866	·889 ·851	·871 ·848	862	·715	.239 .870	747 797	*765 *811	770 778	'818 '846	793	'811 '825	·816	-85
	PTE	18 19	·850 ·854	'800 '855	'848 '847	'884 '840	1930	879	·940 ·869	1935 1868	905 859	903	·902	·903	905 870	876 876	*905 *903	870 847	·802 ·845	.768 .787	·756	·806	788	773	791 1814	'816 '815	-84
g u	SE	20	·800 ·872	·804 ·879	911	·891	907	-901 -931	954	-897 -905	909	-901 -911	·893	·882 ·911	·872	937	836 940	797 908	897	·825 ·853	·801	820	*853 *845	857	878 853	863	·8:
TUE		22 23	857	882	.913	909	907	904	910	905	-891	916	942	942	942	895	903	856	·865	877	820	872	876	904	-875	840	-86
Or the		24	900	935	935	1936 1925 1928	932	.889	·933 ·894 ·997	'956 '887 '914	·850 ·879 ·904	·841 ·876 ·902	'833 '873 '900	'810 '854 '887	·788 ·836 ·875	·768 ·855 ·875	'865 '895	'898 '912	·899 ·924	·850 ·880 ·891	-869 -906 -875	936 904	907 948 930	915 950	-959 -925 -919	930 908 883	*86 *89
OF THE		25							950	935	922	-927	933	915	-898	·899 ·853	911	937	908	-905 -895	806	942	919	858	·868 ·889	·896 ·925	-90
TUE		25 26 27	-930 -897	'920 '878	*991 *900	904	-914				-990	897	87.														
-		25 26	-930				914	.948	969	968	920	·897 ·881	·875	·845 ·822	·816 ·819	767	783	828	848	870	856	-906 -811	·851 ·852	867	861	·842	-8:

<sup>\*</sup> The numbers in these columns are not observed but interpolated for the sake of obtaining the daily Means.

Gottingen Benn fine,	Noon	_	9	3	-	5	6	7	н	9	10	11	12	13	14	15	16	17	16	10	90	91	99	23	_
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Means.	-806	-849	-876	-898	-900	-901	908	-918	920	-930	-936	-945	947	942	-920	-890	-842	796	-770	740	-736	740	-750	-761	1
TENSION OF THE ATMOSPHERIC VALUUK.  OCTOBER 1806. 685 2425 55 55 10 10 10 10 10 10 10 10 10 10 10 10 10	*852 *854 *854 *855 *855 *855 *855 *855 *855	942 943 953 -716	In. 6999 921 968 944 969 944 969 944 969 944 969 944 969 946 963 963 963 963 963 963 963 963 963 96	In. eess 937 925 957 925 859 957 9514 9414 9417 9754 9754 975 976 977 9763 9764 977 9763	In. c-sm - 743 - 974 - 971 - 928 - 921 - 925 - 9	In, ease 783 -940 -978 -978 -978 -978 -978 -978 -978 -978		915 915 915 915 915 915 915 915 915	In, 0444 9500 9442 9500 9442 9500 957 9644 957 967 967 967 967 967 967 967 967 967 96	In 854 950 957 809 815 826 878 878 878 888 878 888 8787 888 877 878 848 877 878 844 868 877 877 878 844 868 878 878 878 878 878 878 878 878 878	In. 6488 839 906 859 906 851 9770 851 959 959 851 851 851 853 853 857 754 855 855 855 855 855 855 855 855 855 8	In. *** *** *** *** *** ** ** ** ** ** ** *	In. 9444 859 931 9417 7847 859 858 878 878 878 823 913 930 930 930 930 930 930 930 930 930 93	In. 6663 906 931 976 977 988 988 989 989 989 989 989 989 989	In. 6471 944 944 944 945 912 912 914 453 914 853 930 944 868 878 914 9	919 961 895	1837 1908 1878 1937 1938 1933 1904 1836 1836 1876 1911 1922 1923	993 897 818 895 870 838 900 942 875 839 740	In. 00000 873 7006 873 7006 873 7009 993 993 993 993 993 993 993 993 993	In. 6489 894 897 869 898 894 897 848 992 941 899 920 898 898 898 898 898 898 898 898 898 89	854	956 927 928 848 911 960 940 833 932 981 947 721 661	917 914 954 954 641	In. 990 946 946 948 903 916 963 963 963 963 963 963 963 963 963 96	<ul><li>(日)</li><li>(日)</li><li>(日)</li><li>(日)</li><li>(日)</li><li>(日)</li><li>(日)</li><li>(日)</li><li>(日)</li><li>(日)</li><li>(日)</li><li>(日)</li><li>(日)</li><li>(日)</li><li>(日)</li><li>(日)</li><li>(日)</li><li>(日)</li><li>(日)</li><li>(日)</li><li>(日)</li><li>(日)</li><li>(日)</li><li>(日)</li><li>(日)</li><li>(日)</li><li>(日)</li><li>(日)</li><li>(日)</li><li>(日)</li><li>(日)</li><li>(日)</li><li>(日)</li><li>(日)</li><li>(日)</li><li>(日)</li><li>(日)</li><li>(日)</li><li>(日)</li><li>(日)</li><li>(日)</li><li>(日)</li><li>(日)</li><li>(日)</li><li>(日)</li><li>(日)</li><li>(日)</li><li>(日)</li><li>(日)</li><li>(日)</li><li>(日)</li><li>(日)</li><li>(日)</li><li>(日)</li><li>(日)</li><li>(日)</li><li>(日)</li><li>(日)</li><li>(日)</li><li>(日)</li><li>(日)</li><li>(日)</li><li>(日)</li><li>(日)</li><li>(日)</li><li>(日)</li><li>(日)</li><li>(日)</li><li>(日)</li><li>(日)</li><li>(日)</li><li>(日)</li><li>(日)</li><li>(日)</li><li>(日)</li><li>(日)</li><li>(日)</li><li>(日)</li><li>(日)</li><li>(日)</li><li>(日)</li><li>(日)</li><li>(日)</li><li>(日)</li><li>(日)</li><li>(日)</li><li>(日)</li><li>(日)</li><li>(日)</li><li>(日)</li><li>(日)</li><li>(日)</li><li>(日)</li><li>(日)</li><li>(日)</li><li>(日)</li><li>(日)</li><li>(日)</li><li>(日)</li><li>(日)</li><li>(日)</li><li>(日)</li><li>(日)</li><li>(日)</li><li>(日)</li><li>(日)</li><li>(日)</li><li>(日)</li><li>(日)</li><li>(日)</li><li>(日)</li><li>(日)</li><li>(日)</li><li>(日)</li><li>(日)</li><li>(日)</li><li>(日)</li><li>(日)</li><li>(日)</li><li>(日)</li><li>(日)</li><li>(日)</li><li>(日)</li><li>(日)</li><li>(日)</li><li>(日)</li><li>(日)</li><li>(日)</li><li>(日)</li><li>(日)</li><li>(日)</li><li>(日)</li><li>(日)</li><li>(日)</li><li>(日)</li><li>(日)</li><li>(日)</li><li>(日)</li><li>(日)</li><li>(日)</li><li>(日)</li><li>(日)</li><li>(日)</li><li>(日)</li><li>(日)</li><li>(日)</li><li>(日)</li><li>(日)</li><li>(日)</li><li>(日)</li><li>(日)</li><li>(日)</li><li>(日)</li><li>(日)</li><li>(日)</li><li>(日)</li><li>(日)</li><li>(日)</li><li>(日)</li><li>(日)</li><li>(日)</li><li>(日)</li><li>(日)</li><li>(日)</li><li>(日)</li><li>(日)</li><li>(日)</li><li>(日)</li><li>(日)</li><li>(日)</li></ul>

HUMIDITY OF THE AIR AND TENSION OF THE ATMOSPHERIC VAPOUR.

F. M	*83 *63 *63 *65 *65 *65 *65 *65 *65 *65 *65 *65 *65	0769 83 62	7.41 0.70 6.87 6.82 8.84 8.81 8.83 9.22 8.81 7.70 6.69 6.65 6.65	8.11 0.72 85 67 89 83 81 -72 70 69 73 69 73 69 73 69 68	0.766 -688 -91 -833 -833 -77 -74 -73 -769 -74	0.74 -82 -67 -95 -85 -86 -92 -91 -83 -74 -70 -76	0.78 78 69 96 85 89 92 89 89 	·79 ·70 ·89 ·87 ·88 ·97 ·88 ·91 ·92 ·74 ·87 ·79	90 90 90 90 90 97 89 89 87 87 93	0-71 -78 -86 -91 -93 -91 -96 -90 -82 -93 -75	•	0.65 -76 -90 -96 -93 -93 -93 -93 -93 -93		90 95 94 93 94 95		0.65 -55 -81 -86 -83 -83 -83	0°65 '49 -78 '78 '76 '80 '80	0-63 -45 -76 -78 -76 -72 -83 -75	0°61 ·45 ·80 ·78 ·71 ·71 ·82 ·73	0°54 °45 ~77 ~77 ~77 ~69 ~83 ~73	·42 ·78 ·78 ·74 ·70 ·77 ·69	0.56 -43 -73 -71 -71 -79 -67	0·58 ·52 ·78 ·77 ·71 ·81 ·80 ·70	0'666 '67 '75' '86 '82 '82 '87.
73 600 811 799 744 845 856 656 656 6576 6576 6576 6576 6576 6	*83 *63 *63 *65 *65 *65 *65 *65 *65 *65 *65 *65 *65	83 62 88 82 80 84 90 78 75 73 68 64 64 65 69	*87 *62 -88 *84 *81 *83 *92 *81 -74 *70 *69 *66 -71 *65 *65	85 67 89 83 81 90 93 81 72 72 70 69 73 64	*82 *68 -91 *83 *83 *91 *93 *83 -77 *74 *73 *76 *69	82 67 95 85 86 92 91 83 	78 69 96 85 89 92 89 89 	·79 ·70 ·89 ·87 ·88 ·87 ·88 ·91 ·92 ·74 ·87 ·79	·79 ·78 ·90 ·90 ·90 ·97 ·89 ·87 ·93 ·75 ·91	78 -86 91 93 91 96 90 -82 93 75	-77 -88 -94 -93 -92 -94 -92 -85 -92	76 90 96 93 93 91 93 87	·77 ·96 ·93 ·92 ·93 ·96	90 95 94 93 94 95	·58 ·87 ·87 ·85 ·90 ·86	.55 .81 .86 .80 .83	78 78 78 76 80	76 76 78 76 78 76 72 83	*80 •78 •71 •71 •89 •73	·45 ·77 ·77 ·77 ·69 ·83 ·73	·42 ·78 ·78 ·74 ·70 ·77 ·69	·43 ·73 ·74 ·71 ·71 ·79 ·67	-52 -78 -77 -71 -81 -80 -70	67 75 86 82 83 87 86
73 600 811 799 744 845 856 656 656 6576 6576 6576 6576 6576 6	*83 *63 *63 *65 *65 *65 *65 *65 *65 *65 *65 *65 *65	83 62 88 82 80 84 90 78 75 73 68 64 64 65 69	*87 *62 -88 *84 *81 *83 *92 *81 -74 *70 *69 *66 -71 *65 *65	85 67 89 83 81 90 93 81 72 72 70 69 73 64	*82 *68 -91 *83 *83 *91 *93 *83 -77 *74 *73 *76 *69	82 67 95 85 86 92 91 83 	78 69 96 85 89 92 89 89 	·79 ·70 ·89 ·87 ·88 ·87 ·88 ·91 ·92 ·74 ·87 ·79	·79 ·78 ·90 ·90 ·90 ·97 ·89 ·87 ·93 ·75 ·91	78 -86 91 93 91 96 90 -82 93 75	-77 -88 -94 -93 -92 -94 -92 -85 -92	76 90 96 93 93 91 93 87	·77 ·96 ·93 ·92 ·93 ·96	90 95 94 93 94 95	·58 ·87 ·87 ·85 ·90 ·86	.55 .81 .86 .80 .83	78 78 78 76 80	76 76 78 76 78 76 72 83	*80 •78 •71 •71 •89 •73	·45 ·77 ·77 ·77 ·69 ·83 ·73	·42 ·78 ·78 ·74 ·70 ·77 ·69	·43 ·73 ·74 ·71 ·71 ·79 ·67	-52 -78 -77 -71 -81 -80 -70	67 75 86 82 83 87 86
	866 80 89 91 76 8 89 89 89 91 76 88 89 89 89 89 89 89 89 89 89 89 89 89	-88 -82 -80 -84 -90 -78 -75 -73 -68 -68 -64 -65 -65 -69	-88 -84 -81 -83 -92 -81 -74 -70 -69 -70 -65 -65 -65		91 83 83 91 93 83 -77 74 -73 -76 69	95 85 86 92 91 83 			90 90 90 97 89 	91 93 91 96 90  82 93	94 93 92 94 92 	96 93 93 91 93 87	.96 .93 .93 .96	95 94 93 94 95	'85 '90 '86	.86 .80 .83	78 76 80 80	78 ·76 ·72 ·83	·78 ·71 ·71 ·82 ·73	77 77 69 83 73	·78 ·74 ·70 ·77 ·69	·74 ·71 ·71 ·79 ·67	77 71 81 80 70	-86 -82 -82 -87 -85
-74 -84 -85 -75 -64 -74 -71 -66 -65 -63 -70 -68 -64 -71 -69 -63 -79	78 82 91 76 76 771 771 771 771 771 771 771 771	*80 *84 *90 *78 *75 *73 *68 *68 *64 *68 *73 *64 *67 *65 *69	·81 ·83 ·92 ·81 ·74 ·70 ·69 ·66 ·71 ·67 ·65 ·65	81 90 93 81 -72 70 69 73 69 -73 64	·83 ·91 ·93 ·83 ·77 ·74 ·73 ·70 ·78 ·69	*86 *92 *91 *83 	89 92 89 89 	·88 ·97 ·88 ·91 ·92 ·74 ·87 ·79	*90 *97 *89 -87 *93 *75 *91	91 96 90 	-92 -94 -92 -85 -92	-93 -91 -93 -87	93	93 94 95	'90 '86	.83 .83	'80 '80	·72	·71 ·82 ·73	·69 ·83 ·73	·70 ·77 ·69	·71 ·79 ·67	'81 '80 '70	*82 *87 *85
-75 -64 -74 -71 -66 -65 -63 -76 -68 -64 -71 -69 -77 -78 -78 -78 -78 -78 -78 -78 -78 -78	76 71 71 71 68 66 64 74 59 66 65 71 73 73 73	·78 -75 -73 -68 -68 -64 -68 -73 -64 -67 -65 -69	·81 -74 •70 •69 •66 -71 •67 •65 •65	72 72 70 69 73 69 73 69	·83 -77 -74 -73 -70 -78 -69 -74	·83 ·82 ·74 ·71 ·70 ·76	-89 -82 -73 -73 -71 -79	-91 -92 -74 -87 -79	-87 -93 -75 -91	-82 -93 -75	·85	-87	_	_	.92	.89	.78	•75	_	_	_	_		_
-74 -71 -66 -65 -63 -76 -67 -68 -64 -71 -69 -63 -73	71 68 66 66 64 74 59 66 65 71 73	73 -68 -68 -64 -68 -73 -64 -67 -65 -69	-70 -69 -70 -69 -66 -71 -67 -65 -65	79 70 69 73 69 73 69	74 73 70 78 69	74 71 70 76	·73 ·73 ·71 ·79	·74 ·87 ·79	-93 -75 -91	.75				-81	.78	-66	-63	-57	-61	.62	-66	.65		-76
66 65 63 -76 67 68 64 -71 -69 -63 -73	74 59 66 65 71 73 66	·68 ·64 ·68 ·73 ·64 ·67 ·65 ·69	·70 ·69 ·66 — ·71 ·67 ·65 ·65	73 69 73 69	70 78 69	*70 *76	·71	.79			-96	*87	93 91 94	85 86 89	·78 ·82 ·82	·77	·67	-67 -65 -62	-67 -65 -59	·66 ·60	·65 ·63 ·60	·67	·67 ·70	-77 -77
-76 -67 -68 -64 -71 -69 -63 -73 -79	74 59 66 65 71 73	-73 -64 -67 -65 -69	-71 -67 -65 -65	73	-74	'72		-82	·85	-95 -91 -89	91	91	91	'89 '87	-82	-69 -67	·62 ·64	·54 ·63	·57	*58 *59	58	·61 ·62	62	·75
-67 -68 -64 -71 -69 -63 -73	-59 -66 -65 -71 -73	·64 ·67 ·65 ·69	-67 -65 -65	.64	-66	.75	·86	-88	-91 -92	93	-91 -93	-88 -91	99	'86 '86	·83	-80 -67	·73	-68 -56	·73	·65	-64	67	67	·76
-71 -69 -63 -73 -79	·71 ·73	-69			.71	'60	-71	·66 ·86 ·70	·68 ·86 ·70	'70 '86 '70	·71 ·87 ·79	·71 ·88 ·88	.73 .88	'72 '86 '90	-60 -82 -79	-61 -68 -67	-67 -61 -62	·55 ·61 ·64	-57 -58 -63	-59 -61 -64	'68 '68	·63 ·67	'64 '66 '68	6
-63 -73 -79			·66	·65 ·68 ·70	·70	.79	·82	·78	-80	-81	84	-86	*84	.80	.70	-67	64	.66	-66	.69	-66	.69	.66	.73
-79		·70	·69 ·76	·69	79	·78	·76	·74	·66 ·74 ·89	·61 ·74 ·91	·64 ·71 ·91	*66 *67 *90	-70 -63 -91	·75 ·63 ·91	*66 *59 *88	·61 ·57 ·80	·53 ·57 ·77	·51 ·54 ·79	-55 -53 -81	·58 ·78	·60 ·78	·61 ·62 ·76	'62 '65 '82	-6- -6:
-72	'80 '69	·83 ·72 ·79	·83 ·73 ·81	·83 ·76 ·77	85	·83 ·77	·82 ·81 ·88	·83 ·84 ·91	·86 ·84 ·90	·89 ·83 ·88	*90 *87 *90	90 90 91	-87 -91 -99	98 1.00	'81 '90 1'00	·73 ·76 1·00	-68 -65 -99	61 65 90	·60 ·61 ·92	·67 ·66 ·92	65 65 90	65	.63 .69 1.00	·70 ·70 ·80
707	.722	-739	.744	758	.770	·783	-806	·826	-839	*847	-858	-864	-873	-860	795	•731	-679	656	656	661	·654	659	684	70
In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	Iu.	In.	In.	In.	In,	In.	Iu.	Jn.	In,	In.	Ir
-660		680	689	684	664	.666	632	633	0403 -621	0-177 1609	0:149 :604	0 122 0 122	0559 -592	0-147 -573	0-522 -493	0*533 •504	0 \$50 •479	0 844 •480	0°849 *489	0 \$10 •515	0 545 •495	0.143 -5(19	0.168	0.5
-893	-899	-890	892	885	877	-873	874	-830	·683	·742 ·811	·758 ·819	775 827	·765	·787 ·839	798 853	-820 -899	·839 ·888	·868	·920 ·914	·917 ·891	679 1905	·845 ·860	·883 ·889	·7·
·871 ·813 ·900	.819	-817	-813	.796	813	823	820	.775	.779	.784	.789	794	·760 ·792 ·849	·789 ·820 ·889	.862	.869	867	835	.836	-848	.841	'851	907	-8: -8:
-904 -757	920 743		·894 ·759	·588 ·750	-884 -751	·864 ·748	·831 ·753	·802 ·760	804	807	817	827	-847	845	857	*885	825	825	.610	-814	.757	723	-747	-8
·659 ·754	·701 ·700	·728 ·702			-695 -689	·709 ·688	·704 ·674	·730 ·675	·724	·718	·705	699	·711	693	·676	·730	·717	·719	724	·731	696	·716	·698	·76
-654	·635	637	-646	627	-631	.628	-629	645	654	664	.655	646	645	·665 ·661 ·616	-692 -681 -641	.657	.620	.562	-605	-609	-611	.610	-629	·6:
-655	613	625	-612	-618	-618	-626	-676	-677	-682	-688	-673	-659	-664	671	-696	714	720	712	·768	-682	-678	-687	-679	-GI
-553 -681	·551 ·635	623	·576	·552 ·623	·557	·521 ·661	-577 -662	653	·541 ·654	·547 ·655	·550 ·647	·553	*558 *654	·569 ·655	·553	·669	·580 ·639	·575 ·649	·559 ·633	·631	·626	649	·655	-6- -5:
-650 -701 -688		644	·615 ·657	-621	·613 ·644 ·638	.702	.686	·632	·635	630	·651 ·643	641		662	653	·652	680	·668	·674 ·707	·675	708	·700		-6:
-639	643	. 661	-655	645	-661	675	-657	-633	636	-539 -640	*619	*598	'544	*543	.557	·597 ·557	*539 *576	·535	·562	-617	.626	·639	*651 *654	·50
-777 -695 -696	·777	·771 ·663 ·746	-758 -664 -757	-743 -678 -741	.750	·735	.736	738 ·740 ·782	735	·733	'718	·703	·693	673	·678	·679	-674 -662 -897	643 681 890	·651 ·669 ·893	·707	·701	-673	656	·7·
	In.	In. In.  ees: ees: ees: ees: ees: ees: ees: ees	In.   In.	In.   In.	In.   In.	In.   In.   In.   In.   In.   In.	10.   10.	In.   In.	In.   In.	Dis.   In.   In.	Dis.   In.   In.	Dis.   In.   In.	In.   In.	In.   In.	In.   In.	Dis.   In.   In.	Dis.   In.   In.	Dis.   In.   In.	Dis.   In.   In.	Dis.   In.   In.	In.   In.	In.   In.	Discription   Discription	183

<sup>\*</sup> The numbers in these columns are not observed but interpolated for the sake of obtaining the daily Means,

Sentingen Ment. Dong	Noon.	- 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	23	23	
Mudres Musa Time.	P. M. 5 m. 4 61	h.m. 8.41	h.m. 6.62	5.m. 7.44	1 41	h.m. 2.41	h m, 10 41	hā:	h. 10. 12.41	h.m. 13.41	h.m 14.11	h m. 16-61	h.m. In st	5.m. 12.61	h m. In si	h m. 19-41	h.m 90.41	h.m. n.si	). m. 22 e)	h m. 35,43	h re. 6.41	b. m. 3.41	h m.	h. m. 8.61	None Mone
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Means,	-730	763	790	801	*808	825	-835	-850	•973	-353	-888	-897	903	900	900	-656	797	-751	794	709	700	-699	700	-606	-8
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Gottingen Mean Time.	Noon.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	-31	-
Madrae Mean Time	P. M. h.m. 4.4)	b. m. ö.41	b. m. 6.1)	h.m. 7.41	b. m. 8.6)	h. m. 9.41	h. m. 10.41	h.m. 11.4)	h. m. 12 41	b. m. )8 41	% m.	h. m. 11.41	h. se. 16,6t	h, m, 17-41	h ю, 16.41	h. m. 19.41	b, m. 204)	b. m. 21.41	n. 10. 22.4)	b, m, 25,41	h. m. 0,41	h. m 1 41	h, m 2,41	h. m 3.4)	Parity and Monthly Mean	Mena Duccisa.
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Hourly S	0 152 141	0 159	0 162 seg	0 166 sès	0 169 168	0 172 sbz	178	183	0 187 sbw	0 191 sbw	0 191 10w	192 194	0 196	206 84	205 11w	217 swbs	220 tW	922 922	213 swbs	201 sow	0 160	0 152 68	0 154 ss8	15-1	} 183	8
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Madrus lean Tune.	P M h. m. 4.41	h. m. 5 41	h, m, 6,41	h-m. 7-1)	h, m, 8-41	b. m. 9.41	h- m. 10,4)	h. m. 11,41	h. m. 12.41	h, m, )3,41	h, m,	h- m. 15,41	h. m.	h m,	h. m. lb. 41	b. m. 19.41	b. m 1 20-4	b. n ) 21,4	b. m. t t2,41	h m.	h m 0,41	h. m	2.61	h m 3.41	Monthly	Mena Direction.
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Mudres Meen Time.	P. N., h.m. 4 61	h m 6.43	3. m 8 41	ž-m 7.41	0.41	b m 0,41	h m. 10.41	h.m.	h. m.	h. m. 13 41	h. m. 14-41	h-m. 15.41	h m. 16-41	h. ss. 17.41	h. m 18.41	h. m.	b. m. 20.41	h m.	h m. 22.41	h. m. 25.41	h so. 0.61	h,m. 1.41	km. Lai	b av.	Monthly W	Mess
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	n. 1	06	-04	-01	*01	-00	100	-02	-02	.06	.05	.03	101	13	.00	*00	.01	:05	5 '05	.06	.05	-02	-06	.09	*0.4	.04		T

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		JANU.	RT.	Равац	ARY.	MAR	CH.	Arn	IL.	Ma	т.	Jus	Œ.	Jer	¥.	Avou	87-	SEPTE	KDER.	Осто	PER.	Nova	enzn.	DECK	M B E. R.
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EVAPORATION FOR 1855.	1 2 3 4 5 6 7 7 8 9 9 10 11 12 13 14 15 16 16 17 18 19 20 12 22 25 22 25 25 25 25 25 25 25 25 25 25	Inch. U-013 - 016 - 017	Inch. 0-153	Inch. 00017 -007 -007 -007 -008 -008 -008 -009 -008 -009 -009 -009	1 neh. 2	023 020 020 029 024 032 029 018 031 027 026 030 051 029 024 017 029	Inch. 10-6174	Inch. 0-032 -023 -023 -023 -023 -023 -021 -021 -021 -021 -021 -021 -022 -035 -022 -035 -022 -035 -024 -027 -024 -027 -024 -027 -024 -023 -023 -023 -023 -023 -023 -023 -023	Inch 05477 -570 -573 -540 -555 -557 -540 -540 -540 -540 -540 -540 -540 -540	-055 -050 -090	lach   0:380   0:380   0:380   0:380   0:380   0:395   0:3111   0:395   0:3111   0:395	Inch. 0-100	Inch., 0-480, 0-480, 0-480, 0-567, 483, 44	-063 -058 -053	lach	Inch. cord.	Inch. 101-02   102-02	025 015 015 020 027 027 027 027 030 030 030 030 037 034 037 033 036 037 037 037 039 037 039 039 039 039 039 039 039 039 039 039	Inch 0 979 41987 256 257 257 257 257 257 257 257 257 257 257	-015 014 008 -010	Inch., 0-348 2440 0-348 2440 0-348 245 245 245 245 245 245 245 245 245 245	-030 -008 cord, -000 -003 -016 -016 -016 -016 -016 -021 -019 -021 -023 -023 -023 -023 -023 -023 -024 -024 -025 -026 -026 -027 -027 -028 -028 -028 -028 -028 -028 -028 -028	10th   10th	de,   de,	la coo
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	TOTAL RAIN IN EACH MONTH.		1855.	- Separation	1		June,	August, September,		December,	Total	юн—ди	ZVAIOR		1855.	fanuary,	Yebrusry, "		Jus	Angust, September,	October,	Deormber,	Sems	Мевь	

	!	REMARKS ON THE W	EATHER FOR	THE MONTH OF JANU	CARY 1855.	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
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1 2 3 4 4 5 5 6 7 7 8 9 <b>0</b> 1 2 3 4 5 6 6 7 8	en-her,	en, bit,	### WEATHER POR    ****	THE MONTH OF FEE  fe-th, cust, bx,	es, cr. ca.,	C1, C7-C4,
EXPLANATION OF STMBOLS USED IN THE ABOVE TABLE.	art	dtum, nederschool  E	bybab botbains botbains butbains butbains butbains labal la	stimetez  N	Pr	ththunder thithick fvisid tVvisid Wvisid

1	es, or-ee, or-et. 1 6			5	ž.		Sol. Ter. Max. Mi
001000-1001-1001-1000-1001-1000-1000-1	se, de-fee, estable de	10-cm,	dient,	Syre, sing	er en, erske, er	en, transferred.  En's, alan, transferred. En's, alan, transferred. En's, care, transferred. En'	
38456189 <b>0</b> 183455783 <b>0</b> 1854567	eu, er-eu, D	ce-bre.  clear, D.  dere, D.  fiece, site.  ce-ce-ce-ce-ce-ce-ce-ce-ce-ce-ce-ce-ce-c	enchar,	et ex. (mail. er, 2 see, et al. 2 see, e	servedar,		0 1110 110 110 110 110 110 110 110 110

	REMARKS ON THE WEATHER FOR THE MONTH OF MARCH 1885.								
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		REMARKS ON THE	WEATHER FO	R THE MONTH OF A	PRIL 1815.				
Iarch 51  pril 1  2 2  3 4  5 2  7 7  8 9  10  2 3 4  5 7  8 9  2 0  1 2 3 4  5 7  8 9  2 0  1 2 3 4  5 8 7  8 9  8 9	em ha	10. 14	10-3 Mar. 10-3 Control of the Contro	Cong. da Salaria		B-ca, read, 153			
EXPLAYATION OF STABOLS USED 15 THE ABOVE TABLE.	Mtends or clearly Mdenink or clearly or or or in, card or cores or ceres Mcumber or central Mcumber or central M	1	Tonname promote to the control of th	to a managed to a	Fr	A			

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123456789012345678901234567890	dos, cr-hs,   4	demonstration and the second s	fees, crist, rain, in 1  cross, crist, crist, in	flore, cert en's firm in bound of the control of th	cu, cross,	os, cus.), bs	128-5 124-5 127-5 127-5 129-6 126-0 126-0 126-0 126-5 125-4 127-5 125-6 127-5 120-5 127-5 120-5 127-5 120-5 127-5 120-5 127-5 124-5 125-6 124-5 125-7 130-7 131-8 125-8	87.49 77.49 77.40	55:9 7:887:3 7:887:3 7:887:3 7:887:3 7:886:7 7:8886:7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	
56789D123456789D123456789O	es, cr-ha,	on, erce, ha, 3 con barr, 3 do 2 do 3 do.	Beca, niss,	en, cu-st, er-bz, en, cu-st, er-bz, 3 er-en, er-st, er-bz, 2 sc-en, er-bz, 2	Bedes (1984)   .	60	117-0 111-3 116-8 122-3 118-5 123-5 121-5 120-5 131-0 119-0 119-0 119-0 119-0 119-0 119-5 116-0 126-5 116-3 116-0 127-5 118-5 118-5 118-5	76-9 76-9 76-9 76-9 76-9 76-9 77-8-8 75-4 74-9 76-5 78-6 81-9 78-9 78-9 78-9 78-9 78-9 78-9 78-9 78	92'0 92'0 92'0 92'0 90'7 90'5 90'5 90'5 90'5 90'5 92'1 93'5 92'1 93'1 93'1 93'5 92'1 93'5 95'5 90'0 93'5 95'5 95'5 95'5 95'5 95'5 95'5 95'5	
EXPLANATION OF SYMBOLS	TABLE. TABLE. cd	distant distant	frfrq frfrquak frfrquak frfrquak geven	New	H	fr	the modes	M thek	ir virid	

		REMARKS ON TH	E WEATHER 1	OR THE MONTH OF	MAY 1855.	
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1 2 3 4 5 6 6 7 8 9 9 1 1 2 3 4 4 5 6 6 7 8 9 9 9 1 1 2 3 4 6 7 8 9 9 1 1 2 3 4 6 7 8 9 9 1 1 2 3 4 6 7 8 9 9 1 1 2 3 4 6 7 8 9 9 1 1 2 3 4 6 7 8 9 9 1 1 2 3 4 6 7 8 9 9 1 1 2 3 4 6 7 8 9 9 1 1 2 3 4 6 7 8 9 1 1 2 3 4 6 7 8 9 1 1 2 3 4 6 7 8 9 1 1 2 3 4 6 7 8 9 1 1 2 3 4 6 7 8 9 1 1 2 3 4 6 7 8 9 1 1 2 2 3 4 6 7 8 9 1 1 2 2 3 4 6 7 8 9 1 1 2 2 3 4 6 7 8 9 1 1 2 2 2 3 4 6 7 8 9 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	er en, grah ;	cest, cests,	crish	orba,	cr. er. si, er. bi, cr.	en, er-el, k1.  Grid, er-li, k1.
1934567899123456789	Cres, br	Ces., crest., bir.,	ca, crad, b t.v	es, ciril, crea, his 5 crea, cord, ha 5 crea, cord, ha 1 crea, ha	er-on, er-h,	Cu, bt,
EXPLANATION OF SYMBOLS USED IN THE ABOVE TABLE.	and		bybeay  Mbeay  Mbeay  Mbeads  borbeadson  babeadson  dabeadson  dabeadson  dabeadson  dabeadson  dabeadson	II	prpride partie or partie from	th manners strates the manners there from near-their from near-their from near-their Westermann-West

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FOR THE MONTH OF JULY 1855.

REMARKS ON THE WEATHER

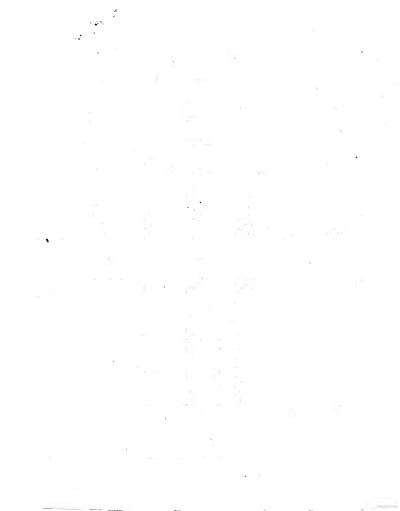
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	R	EMARKS ON THE WE	EATHER FOR T	THE MONTH OF SEPTE	MBER 1855.	•
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		REMARKS ON THE	WEATHER FOR	THE MONTH OF NO	VEMDER 1855.	,
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### · TABLES OF

# MEAN HOURLY VARIATIONS

FROM THE

# MONTHLY MEANS,

FOR THE

## BAROMETER AND DRY AND WET BULB THERMOMETERS

FOR THE YEARS OF OBSERVATION CONTAINED IN THIS VOLUME;

AND SIMILAR RESULTS NOT PREVIOUSLY DEDUCED,

FROM THE OBSERVATIONS PUBLISHED IN THE TWO FORMER VOLUMES.

						Me							nthly				45.							-	
Gottingen Mean Time.	Noon.	1	3	3	4	5	6	7	8	,	10	11	13	13	14	15	15	11	10	19	20	31	23	23	Monthl
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Means	-014	-045	- 1031	- 004	+ 1617	+ 435	+ 632	+ .053	+ 1005	- 014	-028	- 1928 1928	-027 021	- 1004	+-014	+-010	+ 1009	+ 1006	+ '056	+ 1932	+ '002	051	611	- 1963	29:8
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Means	923 964 962 964 964	961 961 962 964 964 964 964	033 025 025 025 025 025	- 7091	+ 913 + 934 - 923 - 929 - 929 - 919	+ 1036	+ 1942	+ '923 + '923 + '924 + '921	-808 -800 -906 +-403 +-403	006 009 012 017 006 60+	616 021 -022 -027 -018 -020	019 033 -022 -026 -016 -019	~- 1004 ~-011 *014 *019 *015 *010	+ 903 + 903 + 901 - 903 + 901 + 905	+ 1026 + 1022 1020 1014 1025	+ 949 + 943 - 943 - 943	+ *011 *014 *053 *053 *063	+ 041 + 041 *051 *051 *049 *051	+ 1036 -038 -038 -039 -014	+ 101× -01× -01× -01× -01× -01× -01×		- 934 -934 -933 -927 -937 -939		-1072 -1064 -073 -054 -040 -047	29-1
Means	043	041	-024	- '001	+ 022	+ 1037	+ 4039	+1021	+-006	-1910	022	→·022	14	+ 1001	+ '023	+ 040	+ '043	+ 1051	+ 931	+ 10/20	- 1006	623	- 934	'067	20
ues	1966 1972 1963 1965 1971	'084 '060 '082 '084 '884	1032 1034 1034 1039	016 -011 -010 -614 -012	+ '016 '012 '011 '001 '010	+ 1924 1928 1924 1929 1927	10:28	-017	+-813 -904 -607 -617	+ -000 016 018 018	1008 012 013 013 008	-011 -011 -020 -011 -019	006 -004 -014 -003 -008	+ '001 '010 '004 '012 '002	+ '037 '034 '034 '033 '027	+ 1041 1643 1638 1044 1041	+ 050 '052 '053 '013 '049 + '051	+ 949 '051 '057 '057 '047 + '010	+1037 1037 1042 1041 1035	-019 -026 -026 -026 -019	903 903 +-001 903	-1028 1023 1025 1026	952 -047 -047 -047 -046	000 -063 -066 -062 -061	291
Monns	- 1047	-100 6	-028	912	+ -016	+ 1/26	+ 434		+ 911	+.01/2		-*914 -*90s	- 1006	+ '007	+ '028	+ 1041	+ '053	4.017	+ 1011	+ 1022	001	- 025	018	071	2910
Tuly	974 974 910 910	000 000 000 000 800 000	1034 1041 1034 1032	912 916 914 909	-013 + 1611	930 931 924 928 + 927	-037 -039 -036 -032 + -034	926 923 924 928 + 924	*611 *609 *601 *013 + 910	- 002 - 004 - 006 - 001	904 912 914 901	-011 -014 -019 -004	1003 1004 1004	-011 -009 -010 -014 + -012	*091 *028 *026 *029 + 029	1049 1042 1046 1041 + 1042	*059 *055 *054 *060 + '934	*054 *053 *056 *040 + *084	*044 *044 *039 * *043	-020 -016 -029 -016	- '005 + '064 + 601 - '004	*033 034 *026 *030	-051 -040 -043	-073 -04 H -061 -06H	39:
August,	- '067 '072 '043 '072 '078	-1054 1057 1044 1060 1063	636 633 640 640	- '011 '029 '013 '016 '019	+ 912	+ '030 '034 '027 '026 '024 + '029	+ '037 '034 '035 '027	+ 1029 1031 019 1029 1018	+ '013 '010 '002 '012 '009		913 914 919 912 909	014	+ 004 - 000 - 000 - 000 - 000	+ 1005 1008 1011 1001 1014 + 1009	+ '020 '031 '031 '031 + 027	+ 1038 1048 1049 1043 1031	+ 403 640 931 960 + 4034	+ 1048 1051 109 109 + 1007	3-046 -044 -041 -044 -045	+ 925 923 973 921 929 + 926	1003 1004 1005 1003 1005	-1929 1037 1030 1030 1033	- 1052 1036 1033 1033 100 H	- 058 *071 *061 *06* #72	29 1
Means	071 061 067 071 071	051 052 052 053		- 100 - 100 - 100 - 100	+ 1023 1022 1014 1020	+ 642	+*041 *046 *028 *030	+ 1028	+ ·011 ·010 ·005 ·003 ·006	084 *006 *018 *011		1020 1019 1001	1012 1012 +- 1013	-016 -016 +-003	+ 1022	+ '013 '043 '013 '018 '013	+ 1057 1856 1961 1960	+ '854 '954 '960 '85x	+ '043 '041 '010 '046 '040	+ 017 -016 -015 -021	014 -014 -014	'844 -039 -047 -037	943 -040 -040 1001	072 -068 -071 -070 -071	89/1
Means	- '069 '069	- 403	- 1027	003	+ 1023	+ 1014	+ 1034	+ 1923	+ '001	-007	-010 012	- '014	+.603	+.003	+ 1036	+ '046	+ 069	+ 1004	+ '043	+ 1017	- · 013	*044 —*042	-1063 1063	-070	29-7
October \begin{cases} \begin{cases} 1841 & 2 & \\ 3 & \\ 4 & \\ 5 & \end{cases} \end{cases}	-051 -010 -013 -019 -017	-1037 1040 1034 1024 1039	1017 -0,22 -1020 -1020 -1010	+ 1085 1061 1004 1004 1004	+ 1007 1025 1029 1034 1026	403 403 403 403 + 4039	+ 1029 1033 1030 1027 1023	+ '910 '023 '016 '015 '012	+*001 +*001	023 -014 -019 -016 -013	-031 1021 1024 1023 1019	-1030 -021 -026 -022 -032	-020 -012 -016 -016 -012	+ 1000 + 1001 + 1001 + 1004	+ 1924 1927 1925 1924 1926	+ 1043 1048 1043 1044 1048	090° + 08	+ 1043 1061 1061 1061 1660	+ '040 '03H '044 '043 '043	+ '020 '010 '018 '010 '016	- '00 t '620 '612 '614 '018	-1934 1043 1037 1639 1643	-1053 1061 1064 1064 1060	085 -064 -054 -062 -062	29·8 -3 -6 -5 -3
Means	954	- '038	- '020	+ '004	+ -027	+1034	+ .03:8	+ '016		'017	'0'24	023	- '015	+ '004	+-026	+ '014	+ 469	+ 1061	+ 1043	+ 1015	014	(39	061	659	29-9
ovember \begin{cases} \begin{cases} \begin{cases} 1641 \\ 2 \\ 3 \\ 4 \\ 6 \end{cases} \end{cases}	1016 1016 1036 1013 1040	- 836 '033 '032 '029 '028	- 010 -012 -002 -014 -003	+ 1012 1004 1020 1013 1024	+ 1021 1031 1034 1024 1039	+1026 1035 1036 1030 1042	+ 023 928 927 923 923		'004 '000 '000 '000 '000	-021 -016 -021 -017 -018	012 -031 -039 -039	-038 927 934 939 933 -932	- 1038 1029 1027 1030 1034	- 608 - 603 - 604 - 601	+ 1015 1026 1013 1019 1011 4-1014	+ '012 '039 '03; '941 '035 + '006	+ 408 100 100 100 100 100 100 100	+ '063 '054 '046 '049 + '057	+ '051 '012 '044 '036 + '044	+ 1076 1020 1015 1019 1012 + 1016	-003 -610 -610 -610	932 936 936 936 942	-049 -044 -054 -064 -064	*060 *063 *063 *063	20.2
Meane	104.4 101.6 104.6 104.0	'029 '030 '033	1019 1019 1016	+ 1015	+ 1029	+ 1034	+ 1926 + 1932 1924 1927	+ 1014	+-002	918 016 -012 -916	032 032 030	403 403 -436 -436			+1010	+ 1021	+ 1059	+ 1017	+ 1046	+ 920	-016 -010 -010		-053 1000	-1867 1067 1013	20-16 30-16 30-16 20-2
Menza	*045 *047 046	-030 -037	-010 -011 011	-012	+ 10/2%	*037 *035 + *035	1024	**************************************	-005 -001 ++003	-014 -014	-,030 -030 -030	103 103 103	-024 -023 024	- 013 - 011	4.000	1034 1031 +1036	163 163 + 168	1004 1007	-042 -042	+ -032	*010 *093 —*006	639 636	-052 -048 1053	*054 -054	20-94
fean of years }		-046	'025		-	+-031	-	+ 1921	+ '004		- 921	-7023	-916	+ '901	+ 1/21	+ 041	+ '057	+ 1051	+ 945	+ 923		- '832	963	062	23 84

0.00						Men					SURE on the					to 1413	3.								
Gollingen Mean Time	Noon	1	2	3	4	0	9	7	4	9	10	11	12	12	14	15	10	11	14	19	70	21	22	23	
Madras Mean Time.	4 41	8 41	0 41	7 41	8 41	9.41	10 41	11 41	12 41	12 41	14 41	16 41	1641	11 41	3× 41	19 41	20 41	21 41	22 41	23 (1	0 41	1 41	2 41	3 41	Month! Means
January { 1851 2 2 2 2 4 5 5		- 1631 - 1631 - 1631 - 1631	-019 -030 -011 -011 -021	+ 1984 1894 1890 1899 1880	+ 924 071 921 924 921	+ 1931 1929 1934 1931 1939	+ 1925 1024 1931 1024 1929	+ 1014 100 1014 100 100 100	+ 002 + 003 + 000 + 001 + 000			-1035 1927 1934 1932 1933	1032 1030 1030 1034 1024	*011 *015 *0:0 *0:0 *0:9 *016	+1009 -044 -041 -041 -014 -009	+*037 032 '026 '014 '830	+:041 100° 100° +:041 100°	963 963 961 963	+ '053 '051 '010 '051	*031 *039 *036	+ ·003 + ·003 + ·003 + ·003	- 024 1030 1021 1034 1024	.044 .021 .010 .013	-050 -016 954 -056 -012	30-921 29-984 29-982 30-014 29-986
Meant	048	031	01=	+ 1005	+ 023	+ 4035	+ 027	+ 1018	+:003	- 413	028	6215	at-	- 015	+ 000	+-013	+ 650	+-963	+-013		+ '002	- 029	041	014	29-990
February,   [185] 2 2 9	040 049 053 062	*041 *041	'021 '020 '020 016 '603	-000 -001 -001 -003	017 021 021	1024 1024 1024 1024 1035	.023 .011 .012 .019	*012 *01× *02 × *023	- 1003 - 1002 + 1004 + 1004	-011	*075 *025 *633 *017	931 931 934	074 076 032 078	-007 -011 -013 -017 -014	*039 *08 *010	*031 *033 *035	1054 1054 1063	1001	1051 1053 1053 1054	.033	+ 001	-1634 -010 -027 -026 -026	054 054 054 011 060	.020 .024 .024	20 963 29 963 29 963 29 964
Meane	041	639	0.23	-1001	+-019		+ 10/29	÷ 019	+ 003	013		631	031	013	+ 410	+*000	+ .071	+ 016	+ 955	-	+.001	- 024	954	001	29 969
March	- 1859 - 1051 - 1050 - 1053 - 1053	- 1017 1015 1034 1053 1044	033 '032 '032 '033 030	*012 *001 *006 *006	010 017 017 018	+*021 -024 -030 -033 -033	+ 600 1022 1030 1035 1878	070 070 070 070 010	+ 004 + 504 + 504 + 603	012 012 011 013	929 923 923 923 923 921	- P8/26 - 9/25 - 9/26 - 9/26 - 9/27	-016 -018 -023 -020 -021	-001 -001 -001 -001	+-072 -025 -016 -01x -012	.034 .034 .034 .034	.061 .091 .091 .091	.001 .001 .001 .001	+ 054 -064 -051 *055 *055	+ 07: '401; '027 '029 '029	- 002 - 002 - 003 - 003 - 001	-078 071 1625 1632 1028	051 019 '019 '455 '019	.010 015 015 091	29:920 1878 1927 1927
Means	037	1015	*020	001	+-012	+-029	1- 029	+-910	+ 002	.01.5	071	031	U.0	000	1 · 01 a	+ 912	+.040	÷-001	+.014	+ -0770	+ 1000	023	051	062	39-910
April	-004 -865 -862 -812 -083	- 633 -633 -633 -637 -637	- 10303 1031 1021 1031 1031	*913 *903 *011 *010	+ 1014 -009 -010 -011 -014	+1026 1023 1032 1038 1038	-1079 1031 1031 1031	-017 -047 -071 -071	4003 401 -002 -003	10014 10014 10014 10010	- '013 *01< 623 '016 -017	017 -019 -024 +016 -029	-010 -011 -014 -006 -011	+ 408 + 401 + 401 + 401	+ 1013 1013 1014 1026 1024	+-050 -010 -044 -051 -046	+ 963 *062 *014 *061	.001 .018 .018 .018 +.011	-019 -019 -019 + '04!	027	- 001 - 000 + 001 + 001	.636 .631 .631 .631	- 041 -046 -070 -600 -661	1072 1064 1063 1063	21 519 1934 1931 1147 1934
Means	1016	1053 014	-1632	010	+-013	+-039	+*629	+ 010	+-011	-·010	031	030	010	+.001	013	1-036	+ 062	+ 0012	+.049	+ 072		- 026 - 026	053	- 1042	29:423
May	- 656 - 661 - 065 - 063	-016 -052 -053 -053	-10/22 10/25 10/39 10/20 10/29	1000 1000 1005 1007 1006	.010 .017 .019 .034	105 105 105 105	1033 1034 103 1003	-025 -025 -025 -025	.001 -001 -000 -000	601 603 603 .012	010	923 922 916 916	1012 015 1014 1004	+ -003 + -003 + -013 -014	-019 -019 -019	-011 -012 -013 -036	*010 *051 *053	*011 *651 4653 *655	.035 .010 .025	.018 .025 .025	- 18172 - 1904 - 1904 - 1904	-633 -631 -631 -631	011 017 015 -016 -016	.026 .025 .026 .026	716 -161 -159 -142
Meane	- 062	049	037	001	÷·018	÷-031	+ 1035	+-0/24	+-001	010	019	012	- 913	+ 001	+ '023	+-012	1 '063	+ 1053	+ 010	+-032	+-001	- 021	- ·04n	- 461	29 612
June {1 -61 2 3 4 4 8	*068 *066 *012 *010	-061 -063 -061 -061	034 '035 '036 '036	-013 -013 -013 -015	110 110 110 100 100	+ 1076 1076 1026 1025 1031	+ 1634 1634 1632 1832 1834	+-011 *025 *024 *024 *025	*00# *00# *012 *012	1003 1003 1000 1000 1002	*012 *012 *010 *010	-013 -609 -010	*805 *803 804 *801	.013 .002 .011	-025 -038 -024 -031	930 941 -041 1010	150.	**************************************	+ 041 -03+ -040 -039	+ 023 -024 -017 -027 -016		*024 *025 *020 *024 *024	*047 *6:2 *049 *850	064 064 064	29 672 715 7679 7115 7111
Menne	069	011	-431	*011	+-010	+ 075	+-633	+-021	+ 010	003	010	012	- 000	+-804	÷-02.1	+ '043	+1653	+ 963	+-039	+-021	-002	026	- '049	- '085	29:162
fuly { 1051 2 3 4 5	-000 -005 -010 +069 +064	*853 *853 *854 *854 *035	-833 -831 -831 -831	- 809 - 911 - 912 - 908 - 913	+ 914 -912 -609 -911 -999	+1079 1075 1072 1026 1025	.031 .031 .031 .031	+ -079 -030 -025 -024 -022	+ 1015 1015 1015 1015 1000	- 4005 + 4005 + 4005 + 4006 +	-011	011 003 001 010 *209	- 012 *962 *100 .106 *002	+ 613 -014 -006 010	+ 922 -921 -925 -925 -925	+-037 '032 '043 '039 044	110 + 011 074 016 005	+ 014 -012 -010 -011 -015	.013 .038 .038 .031	018 -014 -012 -022	-902 -904 -904 -905	-024 -024 -031 -630 -030	- 919 - 946 - 945 - 952 - 953	- 1063 -069 -069	29 4-9 1726 1740 1591 138
Меава	-1065	03-0	- 1036	-:011	+ '011	+ 023	+-034	+:021	+ 1012	4.065	- 016	012	-:004	11014	+*0/26	+-039	010	+-018	+ '037	+-019	- '005	029	-1001	0-61	59:114
August	-000 -016 -000 -016	1016 - 1015 - 1016 - 1016 - 1016	101 101 101	01 & -01 & -01 & -00 & -00 & -00 &	011 003 012 013	+-030 -631 -630 -976 +-030	++633 +635 +635 -635 -635 ++634	+-923 -021 -027 -024 -024 +-925	+ -012 -014 -015 -012	-013 -014 -001 -000 -001	010 010 010	+000 *010 *010 *010 *015	-001 -001 -001 -001 -001	+ 001 + 014 + 014 + 016 + 016	0.03 0.03 0.01 0.02 0.04	043 043 034 013 011	-628 -628 -011 -024 + 811	+ 050 932 916 915 954 + 952	+ '040 '041 '1/37 '4/40 '041 + '040	+ -023 -024 -019 -018 -018	- 00/2 - 00/2 - 01/0 - 01/0	*024 *034 *031 -034 *039	- 010 - 010 - 051 - 053 - 053	- 063 - 063 - 073 - 081 - 064	29:129: -700 -136: -731 -764 29:780
Means	- '062	047	- 024	- '002	+-020	+-034	034	+-921	+ '00*			- 021	011	+ -017	+ 023	+-014	+:035	+ 050	+-01	4 102	-01	1029	- '0':	010	70.715
September 2 2 4 5	.01.5 .01.5 .01.6 .02.4	653 950 934 957	1029 1025 1030 1034	-006 -000 -004 -001	-019 -013 -019 +-019	-032 -021 -021 -032	-602 -631 -629 -632 +-032	1922 1921 1921 1-921	-009 -001 -012 +-009	-001 -001 -001	-610	-013 -013	- 0013 - 013 - 013	-003 -001 -011	- 021 -021 -021	- 014 - 014 - 018 - 012	1050	06	04	0 01	000	-014	100	-049 -072 -073 -013	1112 114 124 124 18
October	- 1063 - 1051 - 1067 - 1067 - 1068	039 -041 -041 -042 -944	-010 -021 -011 -020 -010	+ 006 006 009 008	+ '07s 905 931 926 926	+ '034 '034 '031 '024 '026	+ 030 -030 -030 + 030	+ -019 -013 -014 -015	- 404 - 001 - 002 - 001	- 91'2 - 61'3 - 61'7 - 61'8 - 61'8	- 020 016 013 019 024	-072 -019 -015 -025 -024 -025	- 914 '012 '017 '017	1000	+ 1031 1024 1021 1016 1021	+ 044 -010 -013 -041	-051 -060	-034	04:	9 -01: 3 -01: 4 -01:	1012	-041 -046 -024 -036 -041	050	- 1061 - 1057 - 1060 - 1060	29:838 -972 -972 -537 -55
Mesne	'017	- 1043	019	+-401	+-058	+-034	4:029		- 901	-		011	~- 04:		1.023		1	-		-	4	.030	0 - 45	1	29.455
November	010 017 014 044 042	029 -020 -628 -630 -626 628	-010 100 100 100 100 100 100 100 100 100	4 -616 -617 -617 -617 -620 4 -611	+ 1032	+ '03# 033 035 -840 934 + '037	+ 925	-019	+.001	-015	1024	-030 -032 -031 -032 -033 -033	-02:	-013	-010 -011 -011	+ 1034	1050	**************************************	93	1 -01: 2 -01: 4 -01:	100- 100- 101:	101	1050	-019 1632 1652 1652	29:862 1934 1914 1981 1968
Meane  [165] 2 3 4 9	-:042 -:040 :044 :043 :043	- 1024 - 625 - 636 - 630 - 627	000 010 012 017	-010 -010 -012 -013 + 411	+ 1036 1026 1026 1031 1032	+.03;	9:033 1429 1024 1929 1621	+-023	+ 006 + 006 + 002 + 003 - 003	- 013 - 013 - 013 - 013	- 010	- 633 - 633 - 633 - 633 - 633	- 6/21 6/21 6/21 6/21 6/21	010	+ 01	+ 024 + 041 631 631 037	+-060	+ 46	3 + 03	2 + 02 4 62 4 02 4 01	- 001	92H 92H 935 935	-010	- 051 - 01H - 055 - 050 - 050	29 930 20 934 21 944 30 914 29 9+3 30 004
Means	042	03	-	+-014		+ -036	+:021	-	-	01	-	- 031	024	-	-	+ 136	-	-	-	-	_	034	-	012	59.093
Mean of 9 years }	- 059	014	024	001	+-019	+-031	+ .031	+-021	4.003	001	01 4	- 021	016	003	+-910	+ 940	+ 456	+ 1651	+ '041	+ 023	000	032	063	001	29:818

#### STANDARD DRY THERMOMETER,

Gottingen Mean Time.	Noon.	1	3	3	•	8	6	1	6	6	10	11	12	13	14	10	16	17	16	19	20	21	22	23	Month
Madras Mean Time.	4 41	8 41	6 41	7 41	6 41	8 41	10 41	11 41	12 41	12 41	14 41	16 41	16 41	11 41	16 41	1041	20 41	21 41	22 41	23 41	0 41	1 48	2 61	3 41	Means
January { 1643 2 4 4 6 8 31eans	+24 11 28 37 +249	+1·3 0 ? 1·5 1 3 +1·20	+6.8	-0.0 0.3 0.0 0.1	-0-6 0-6 0-6 0-6	-0.8 0 s 1.1 1.0 -0.92	-1:3 1:1 1:7 1:4 -1:38	-1'8 1'6 2'3 1'6	-2·0 1·0 2·2 3·0 -2·00	-26 2·3 3·8 3·0 -2·6	-3'9 3'4 6'4 3'2	-3-3 3-6 6-6 2-8 -3-36	-3-6 2-7 4-3 4-9 -3-65	-4·0 2·8 4·3 -3·83	-4°1 3°1 4°9 4°4	-2·6 1·7 2·1 2·3	-0-1 +0-4 +0-2 -0-3 +0-06	+1*9 1*8 2*4 2*1 +2*06	42-0 6-6 8-9 3-8 - 3-24	+3'R 3'4 4'8 4'8 4'4	+4·8 3·6 6·0 4·7 +4·40	+4'4 2'8 50 4'7	+4·3 22 47 4·4 +4·14	+3.20 3.8 3.6 3.6 3.6 3.6	76-17 76-17 76-17
Pebruary {1862 3 4 6 6 Means	+4-3 6-7 3-7 3-0 +3-63	+2*8 2*4 2*3 1*6	+14 12 10 07 +100	+0.31 0.3 0.5 0.6 +0.8	- 0.33 6.1 6.2 0.3	-0'8 0'1 1 0 0 6	- 1°4 1'8 1'6 1'0	-3-0 1-9 2-2 1-3	-3.96 3.9 -5.8	-3.9 2.4 3.4 2.4	- 4°8 4 0 4°1 3-1	- 5°3 4°6 4°6 3°8	-8°8 0°1 6 0 4°3	-6°2 6°3 6°6 4°8	-8-3 6-6 8-6	-4·1 3·3 3·2 3·8	-0 p 0 1 0 1 0 2	+1.6 3.1 3.2 1.7	+40 3.6 3.0 3.1 +3.02	+04 410 410 310	+61 6-3 6-4 6-3	+63 63 61 64	+6·1 6 1 6 6 4·3	+6.6 4.6 4.9 3.7 +4.70	77'9 77'9 71'7 70'6
March	+3-3 3-6 3-8 2-6 2-6 2-6 +3-10	+1 0 2 1 1 0 1 0 1 2 + 1 6	+0.50 0.4 0.4 0.5 +0.5	-0.5 +0.8 -0.2 -0.1 -0.2	-1°0 0°3 0°6 0°6 0°6	-1.4 0.2 0.8 1.0 0.8 -0.96	-1.9 1.3 1.4 1.3	-3-3 1-8 1-6 1-6 1-8	-8-8 2-2 2-1 3-6 1-9 -3-26	-3·1 3·2 3·6 3·3 6·6	-3*8 4*0 8*1 4*1 3-1	4·6 4·8 2·7 4·6 6·6	- 8°0 8°0 4°4 8°4 4°2 4°80	-6-5 6-8 4-6 6-9 4-7	-6-3 6-4 4-6 6-6 4-5	-3.1 3.3 3.3 3.3 -3.56	+0.1 +0.0 +0.1 +0.0 +0.1	+2:2 1:3 1:7 2:4 1:8	+4·3 3·6 3·1 4·0 3·6 4·3·6•	+6·4 6·0 6·1 6·6 +4·84	+6.0 6.1 4.1 6.1 4.0 +6.34	+6'6 60 4'8 6'8	+6·2 8·6 4·6 8·4 8·2	+ 4*6 4*8 3*# 9*7 3*7	82'0 83'4 81'9 82'2 83'1
April	3·3 2·8 2·8	+1:3 1:4 1:1 0:9 0:6 +1:04	-6.1 0.0 0.3 0.4 -0.22	0°9 0°1 0°6 1°0 1°0	- 1'3 1'3 0'9 1'4 1'6	-1°5	-1.9 3.0 1.6 2.1 8.0	2:0 3:4 1:1 2:6 3:3	- 26 33 31 31 31 36	-3.16 3.9 3.1 3.2 -3.0	-2: 3: 2:2 4:0 3:2 -3:38	- 4·0 4·3 3·1 4·4 3·4	- 4 9 4 8 4 1 4 1 3 % - 4 4 2	-6°2 4°8 4 4 4°9 4°1 - 4°68	-3.8 4.2 3.5 4.0 3.4 -3.18	-110 33 13 13 14	+0·7 - 0·3 -0·1 +0·4 +0·3	+3·7 2·0 1·s 2·8 3·1 +3·45	+4·10 4·1 3·4 8·0 4·4 +4·10	+8:0 8:5 4:5 8:0 6:2 +6:24	+65 61 61 63 63	+8-8 6-0 6-0 6-1 6-1 +6-54	+61 64 64 64 +194	+9·1 4·6 3·7 4·4 3·6 +4·06	84-9 80-7 86-3 86-9 85-76
May	3·4 2·3 1·6 3·9	+1·4 0 0 1 0 0·6 1·2 +1·02	-0.0 0.1 0.0 0.3 0.3	-0.7 0.8 0.8 0.1 1.1	-1:1 1:1 0:9 1:3 1:1	-1:8 1:6 1:1 1:0 3:0 -1:36	-2·1 1·4 3·0 2·4 -1·94	-3-8 3-2 1-3 3-2 2-9 -2-34	- 8 4 8 7 2 3 2 9 3 3	-2-6 3-6 3-1 3-8 -3-30	-4-3 3-1 2-9 3-3 4-2 -3-13	-4·1 4·0 3·3 3·3 4·6 -4·08	-5·1 6·4 3·6 4·2 6·0	-8-2 4-1 3-8 4-4 3-1	-4'6 42 28 3-8 4-6	-3·4 2·1 1·4 1·7 2·3 -2·10	+0·14 +0·14	+2·4 3·4 1·6 3·3 2·6 +3·43	+4'6 4'9 3'1 8'2 4'1 +4'58	+6°3 6°0 3°8 6°3 6°4 +8 76	+6.6 6.6 4.2 6.1 7.6 +6.66	+62 67 45 47 73 +846	+8 R 6 0 4 8 4 0 6 0	+4-6 4-1 2-6 2-9 9-8 +8-00	66.0 61.0 61.0 88.6
Fune	3·2 4·0 3·1 3·7	+1·4 4·7 3·2 2·2 1·9 +1·90	0 8 6 8 0 8 0 8	-0.8 0.6 0.5 0.5	-1 2 0 1 0 1 1 1 1 1 -0 66	-1.4 1.1 1.1 1.6 1.7 -1.42	-1-9 1-7 1-8 3-0 3-2 -1-92	2·4 3·2 3·6 3·4 2·8	-24 20 33 20 31 20 31	-3'2 3'4 3'6 3'6 3'3	-3·8 3·8 4·2 4·0 3·8 -3·8	-4°0 4°2 4°6 4°4 4°2	- 4'4 4'8 6'0 4'5 4'3	-4 4 5 0 5 3 6 3 4 8 -4 06	-4·1 4·4 4·3 4·3 4·0 -4·22	-2 62 3 9 3 9 3 9 3 9 3 9	-06 05 02 07 01 -042	+1:3 1:9 1:6 1:6 2:1 +1:74	+33 4·1 3·4 2·8 4·0 +3·64	+4-6 6-6 4-1 6-0 6-8	+8·1 6·0 6·6 0·6 6·1 +6·6	+06 6-0 6-1 6-7	+6·1 8·1 8·8 6·3 6·2 +6·68	+8-8 4-0 5-1 4-8 8-2 +4-00	68-3 84-1 85-6 88-6 88-6
July {1941 3 3 3 4 6 5	+4 2 3 8 4 9 4 9 3 1 4 3 1 4 3 1 4 3 1 1	+2·6 2·6 2·6 2·2 1·3 +2·24	+1·0 1·0 1·4 0·6 0·1 +0·62	- 0 1 - 0 1 + 0 6 - 0 2 - 0 8	- 0.2 0 1 0.6 0.9 1 4	-1-2 1 3 1-3 1-2 1-8	-1:7 3:0 2:0 1:6 2:1	- 2 2 2·3 2·6 2·0 3·6	-2.7 2.8 2.7 2.3 4.6	-32 33 61 27 33	- 3 '8 3 '5 3 '1 3 '6 - 3 54	-4:3 4:1 3:9 3:4 4:1	-4:1 4:8 4:2 3:0 4:8 -4:34	-4-9 4-6 4-6 4-3 4-8	-46 46 42 41 43 -436	-3.3 3.0 3.6 3.6 3.6	-1:3 1:2 1:2 1:1 6:6	+0.5 0.6 0.8 0.1 1.6 +0.76	-3·4 21 3·8 3·8 3·8 4·3·64	+4-3 4-3 3-6 3-8 6-3 +4-24	+6.6 6.6 4.6 4.0 6.7 +6.53	-63 63 63 68 69	+62 65 66 63 64	+6·4 6·2 6·2 4·6 4·3	86-9 80-3 80-9 80-6 80-1
Aogusi	+3·0 3·3 3·6 4·1 3·3 +3·46	+1.5 1.6 3.0 3.5 1.7 +1.66	+0'6 6'4 1'0 1 1 0 6	-0-1 +0-3 -0-1 -0-6 -0-14	-0-4 0-8 0-4 0-1 1-4	-0.5 1.4 1.1 1.1 1.8 -1.16	-1.0 1.4 1.6 1.8 2.2	- 17 91 23 20 28 - 216	- 2'4 2 6 2 0 2 8 2'8	-2.6 2.8 3.3 3.0 3.8	-3·1 2·2 3·6 2·6 3·7 -3·43	-3-2 3-6 3-8 3-9 4-0	-33 3-0 4-1 4-8 6-4	-3 8 4-3 4-8 4-8 4-8	-3 4 4·1 4·1 4·3 4·4 -4·96	-2·5 2·8 2·8 3·9 2·8 -2·9	0.0 1.0 0.0	+0·4 1·0 1·1 0·5 1·7 +0·64	+20 2-9 2-9 6-3 3-1 +2-16	+3 3 4 4 3 4 4 3 6 8 0 +4 1 k	6.6 8-2 8-1 8-3 +5-30	+5·2 6·8 6·2 6·8 6·8 +5·16	+4·8 8·4 8·3 8·6 6·0 +0·44	+4·1 4·0 4·0 6·1 4·6 +4·60	82-6 64-6 84-6 85-3 85-9
September { 1841 3 3 2 4 6 6	43/2 24 21 22 21 +360	+1·7 1·2 1·3 1·3 1·3 +1·44	+0.6 0.1 0.0 0.7 0.4	-6·1 -6·3 +6·3 -0·2 -0·1	- 0 6 0.7 0.8 0.4 0.5	-12 11 03 03 03	- 1:6 1:6 1:4 1:1 1:1 1:3	-0.0 1.0 6.0 1.4 3.1	-64 21 31 20 26	- 61 36 30 33 26	-3·1 3·0 2·6 2·9 3·1	-36 21 4:3 35 34	-3-0 2-6 4-6 3-8 3-9 -3-92	-4·2 3·1 6·7 4·1 4·3	-40 34 42 36 31	-2'7 3'8 3'8 3'3 -3'44	-0-8 0-4 1-0 0-7 0-8	+0·4 1·2 1·1 1·0 1·5	3.3	44.2 44.4 2-7 3-1 +4-34	616 617 516	+6·0 4·8 6·6 4·7 6·0 +3·06	+4·6 4·6 4·6 4·0	+4·3 3·7 4·0 3·7 3·1 +3·76	83-9 82-4 84-3 12-9 82-9
()ctober	+1:4 2:5 2:3 3:6 3:4 +2:38	+1·1 1·3 1·3 1·6 1·2 +1 20	+08 04 08 09 04 +083	+0·3 -0·1 +0·3 +0·1 +0·18	+0 1 -0.3 -0.3 -0.3 -0.3	0.94 0.0 0.0 0.0 0.0 0.0	-0.83	-0.6 1.4 1.6 1.6 1.7	-1:0 1:8 3:1 3:1 3:3 -1:86	-13 24 24 36 27 -228	-1:0 3:1 2:9 3:0 3:1	-2·1 3·8 3·1 3·4 3·6 -3·13	23 3's 3'8 6'7 4'1 -3'48	-2-4 4-1 3-7 4-0 4-4 -3-72	-24 3-8 3-2 3-9 3-1 -3-39	-1-6 1-8 1-7 1-9 3-1 -1-1-2	-0'6 +0'8 -0'1 -0'4 -0'1	+0·3 1·1 1·1 1·1 1·1 1·1	+1·4 28 26 22 3·3	+10 3-3 3-3 3-3 4-0	+32 43 28 29 46	+3% 4'0 3'9 3'9 4'8 +3'16	+3·3 3·6 3·7 3·8 4·1 +3·3·6	+19 32 2:1 3:6 3:3 +3:04	79-8 61-9 60-7 60-6 62-0
November \begin{cases} 1841 & 3 & 3 & 4 & 6 & 6 & 6 & 6 & 6 & 6 & 6 & 6 & 6	+2·5 1·6 2·2 1·6 1·6 +3 00	+1.0	+0·3 6·0 0·8 0·4 0·3 +0·26	-0.0 6.2 6.3 6.6 0.0	-0-5 0-4 0-7 0-8 0-2	-0-8 0-8 0-8 0-4 0-7	-1·1 0·0 1·4 1·3 1·1	-13 1·2 1·6 1·7 1·6	-1.8 1.6 2.1 1.8 2.4	-3:4 2:3 6:6 3:7 3:8	28 21 30 84 34	-3-3 8-0 6-1 8-6 3-7	2°1 4°2 4°2 4°3 -3°92	-4·1 3·4 4·7 4·6 4·6	-4-0 3-1 4-3 4-1 4-2 -4-04	-23 1.5 2.7 22 1.0	-++07 ++07 ++07 ++07 ++0*8	-1-7 2-2 2-7 3-0 2-9 +2-50	+26 29 31 41 41 41	+3·6 3·4 4·4 4·6 4·4 +4·12	+4·1 2·4 4·3 4·6 6·6	+4'4 3'4 4'6 4'4 6'5	+4*2 3*1 3*9 3*9 3*5 +3*72	+34 26 31 32 32 33	78-4 78-8 71-9 79-2 79-1
December	+26 24 17 19 17 +26	+1'4 1'2 0'8 1'0 0'8	++6 02 01 07 03	+0-3	-0-2 -0-7 -0-3 +0-1 -0-4	-0.6 1.2 0.8 0.3 0.0	-1·1 1·5 1·0 0·5 1·1	-15 19 12 11 15	-30 24 1-7 1 5 1 4	-84 38 21 18 23	-29 30 26 32 35	-33 2-5 2-9 2-5 3-1	-3.7 4.0 3.3 3.1 2.6	-41 46 35 22 30	-43 4.5 3.9 2.0 3.1	-30 37 32 16 21	-03 +06 -01 -02 +01	+16 25 1-8 1-2 1-6	+21 26 30 22 36	+3·1 6·6 3·6 2·8 3·6	+4·4 0 0 4·1 3·8 3·8	+4·4 4·8 4·0 3·1 2·6 +3·9+	+41 44 3-6 23 33	+3·2 3·6 2·0 2·3 2·6 2·3 2·6 4·190	707 768 789 789 977

#### STANDARD DRY THERMOMETER.

#### Near Rearly Variations from the Monthly Meson, 1411 to 1868.

Gottingen Mean Time	Noon.	1		3				1	٠		14	11	42	10	14	15	18	11	18	12	110	21	222	23	Monthly
Madrae Mean Time.	5.8s. 4 41	h.m. 5 e3	h.es. 3 41	h.m 7 41	b.m. r 41	141	h-m 16 41	h.m. 1141	h.m. 10 41	h.m. 19 41	3.88. 34 41	h.m. 1441	h m. 15 41	h m. 17 41	h.m. 18 43	h.m. 1841	h.m. 20 41	h.m. 21 4)	h.m. 22 41	N.m. 27 43	6 al	b.m. 1 41	k.m.	3 41	Means.
January	441 61 89 69 69	+59 91 19 94 19	+19 19 69 19	+04 +01 -03 +06 -01	- 8 6 - 4 7 - 0 7 - 0 7 - 0 7	19 11 11 00 11	-12 16 18 18 10	-210 214 210 213 213	-61 20 64 61 81	-37 55 26 37 37	40022	-91 45 37 43 38	510 510 514 515 613	-05 57 55 51 55	- 24 0-9 2-8 8-4 4-8	- 4 5 2 9 2 5 4 6 2 5	- 016 013 013 015	+21 25 18 20 18	448 45 8-9 4-8 3-8	+2% 5/2 5/2 5/3 5/3 4/5	+0.5 5.9 6.4 5.0 8.9	+62 61 61 61 61	+00 00 07 00 49	450 512 318 519 418	16 4 18-1 18-3 16-3 17-8
Messe,	+3'64	+410	-010	+8/14	-0'44	-014	-1:10	- 3-11	-3 79	- 2 30	-316	- 6'34	-472	- 1/26	-3.66	-340	<b>− €</b> *30			+4 85	+2.46	+4:90	+8:28	+ 6 74	\$0.00
February { 1851 3 3 4 4 5 4 5 5 6 5 6 6 6 6 6 6 6 6 6 6 6 6	044 00 54 40 55	49-8 61 69 61 22	41'9 1'3 1'6 3 0 8 8	+016 +016 +017 +017 -017	-04 04 03 08	-17 11 19 00 11	-118 219 214 214 214	-16 30 31 23 23	-50 31 48 25 50	-4 6 64 11 39 39	-88 59 59 51 11	-62 5.5 97 22 4.8	-76 50 82 91 66	-118 64 85 61 61 50	-118 818 818 817 817	-89 67 36 41 21	-0 6 - 0 0 - 0 0 - 0 0 - 0 0 + 0 1	+81 20 24 25 26 26	+51 60 44 47 40	+6/6 5/8 5/9 5/9 6/1		476 68 67 67 67 70	471 60 67 67 81 93	8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	17 4 19 3 14 8 19 9 19 3
Мека	+4*15	+5-60	+1.11	+421	- 0-41	-	-1 #4	-	-8:36	-4·14	_	8-34	-9-90	-	-4 166	-4 00	-	+2-60	+++4	+8/16	+ 0:30	-	+#34	+5'04	71 94
March	617 617 617 618 618 618 618	+25 26 26 26 26 25	9-1 1-0 0-0 0-3 1-0-0-1	0 0 0 0 0 0 0 0 0 0	01 01 01 03	10	-2.5 57 57 57 10	-20 20 25 21 24	-19 54 49 40 21	-11	-14 61 61 61 61 61	-910 518 519 511 610	213 110 110	-T0 0-0 0-3 1-0 3-4	61 61 61 11 14	-82 19 31 62 81	+01 27 00 06 10	+51 24 24 55 55	01 01 01 21 21 21	437 69 69 65 65 88	+71 64 63 12 12 49	+10 54 70 12 12 55	+8 42 1 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	20 20 20 21 21 21	#21 #23 918 921 917
Regist		11.00	-	-	-	-	-	_			-		_	-				***	-	777.14	****	747	7000	****	
April	47 42 80 22	+3-1 3-6 1-1 1-1 1-1 1-1	010 010 014 112 67	110 110 110 110 110	-18 20 13 13 10	10 10 10 10 10 10 10	-04 50 56 24 24	-319 516 516 518 519 -636	-11 46 39 42 42 40	47 42 43 43 42	07 07 08 09	5-9 81 53 93	04 04 04 04 04 04	-91 10 10 10 10 10 10 10 10	-17 59 38 45 46	111 68 13 87	113	***	## 1 ## ## ## ##	070 070 174 071	87 87 17 17 65	174	1	### ## ##	#1 #0 #1 #1 #3
A440	1		-	÷	-	-	-	-	-	-				-	-34				-		-	-	-	-	-
Nay	+41 43 55 41 +49	+3-2 3-6 3-1 1-5 5-5	-0-3 0-8 1-0 1-1 2-0	1 5 2 9 5 8 5 4	27 27 27 27 27 27 27	94 94 93 93	-26 84 88 87 45	-51 57 33 41 41	-3-3 4-4 4-7 4-7 4-7	-54 418 61 540 572	4-8 5-3 5-4 5-7	87 86 86 81	7 0 2	-1-1 1-0 1-0 1-0 1-0	413 219 416	47 47 66	114 119 214 119	36 64 91 91	#419 819 814 817 718	116 117 116 514	+57 86 19 91 91 91	+610 117 117 117	10 10 10 11 11 12	+12 +13 +1 +1 +12 +12	M-9 3+1 90 I 90 2 51 3
3444	1+440		-	-	-	-	-	-	_	-	-	_	-	-	_	-	-	_	-	-	-	-	-	-	
Jame	+8 0 4 0 6 0 6 0 1 7 1 7	+23 22 61 19 16 +22	+0°5 -0°3 -0°3 -1°4 -1°4 -6°6	-00 19 19 5-4 19	-12 29 20 20 20 20 20 20 20 20 20 20 20 20 20	20 20 21 40 61	-M	-40 29 42 43 45 57	12 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	1333	-12 69 61 61 62 67	5-0 5-0 0-1 0-1 0-0	-19 10 10 10 10 10 10 10 10 10 10 10 10 10	21	-47 47 47 47 47 44	-19 1-3 5-1 5-8 1-5	10 01 10 10 10 10	+21 99 95 55 59 39	###5 ### ### ### ###	11	+T1	+51 52 53 53 53 53 53 53 53 53 53 53 53 53 53	+01 17 17 17 17 17 17	+113 214 214 210 211 214 214	88-4 57-3 90-5 52-0 197-7
Mesne	1-17	-	<del>-</del>	-	-	-	1-34	-	-	_	1-12	-41	-	-	-134	-		+0.00	-	-	-	+9'04	<del>-</del>	-	-
July	45 6 67 67 67 67 67	+270 271 271 271 19	1-44	0-9 1-1 1-9 1-9	1-9 1-9 1-9 0-8 0-8	-21 33 53 25 25	410	170 171 171 171	-34 5-9 3-1 5-6 6-6	41 41 43 48 56	48 48 41 52	49 49 55 51 51	5-9 5-9 5-9 5-9 5-5	-16 63 63 63 61 84	-4% 41 56 59 61	-26 51 56 57 51		+1% 5-8 5-4 5-9 2-9	+8-0 5-7 6-2 6-1 6-7	8-6	+88 110 110 110 110	+19 14 14 14 15 15	+12 5-9 1-9 1-9 0-6	#84 89 89 86 17	85 4 90 4 81 0 91 1 95 5
Meana	1+++	+3-6	+++	-12	1	-18	6-51	-36	<del>-</del>	-	<del></del>	-5-24	-	-	-	-3.4	+0-04	+3-16	-	-	-111	-	+7%	-	97'40
August	184 82 66 81 48	2.6	+113 011 012 813 813 814 814	-02 01 01 12 12	-19 11 19 19 19 26	-01 1-9 01 3-0 21	-11 2-5 3-5 6-9 8-7	-11 10 10 10 10 11	- 27 22 24 56 44	35 35 47 47	- 12	47 47 49 49 40 40	-64 64 62 62 60	- 82 84 84 47 61	- 843 849 448 441	3-4 5-9 2-3 2-4 1-9	-1·1 -0·7 -0·0 -0·2 +0·5	+1-9 1-9 2-1 1-6 2-1	+119 5-1 1-9 5-7 5-2	7.5	+81 82 83 12 84 +84	619 64 64 11 11	+119 618 619 111 110	649 641 643 77 643	60 1 14 2 14 3 14 5 14 6 14 7
Meant	-	-	-	-	_	-	_	-	1-54	-	-	-		-	-	÷	_	-	+8-6	-	1	-	-	-	-
September	+5°9 4°9 8°8 3°6 8°6	+25 18 13 13 13	+81 23 -01 -50 -08	-03 59 59 19	119	-10 10 10 10 10 10	1 27	-19 51 51 51 21	33 34 31 32 32	-18 37 48 24 24	12	-61 61 61 61 61	-02 03 31 24		47 47 49 48 88	74 74 78 28 28	-62 -61 -61 +65 +65	20 20 20 23	41 42 49 89	*11	+50 110 110 110 110	10	+87 00 81 83 83	#80 88 88 87 48	85 8 85 4 95 8 95 8 96 9
A	+40	+1:00	-	-	1	-	0 -2-3	-21	1	-	-4 31	-420	-	- 15	-4-3	-	100	+12	+4-7	+217	+64	+++	48-5	-	-
Ostober	+34 51 52 59 25	8 8 1-1 1-0 1-1	0-3 0-3 0-4 0-1	0 4 0 4 0 5 0 7	0-6 5-5 0-9 1-3	19 14 14 14	24	5-5 5-5 2-3 2-6	-10 14 19 34 26	51 51 51	51 61 61 51	-61 67 67 61 61	61 47 41 41	13	8-1 8-5 8-0 8-0	10 10 10 10 10 10	+1-1	+17 83 20 21 33	+55 01 41 86 87	41	4-3 4-3 4-3 6-3 6-4	##9 #1 #1	+5-9 17 4-9 6-1 17	+94 93 33 63 63	1579 4174 1373 1214 1570
Means	+5-01	+1-31	<del>-</del>	<del></del>	-	-	-	-	-	-	-	-39	-	-	-	-	+6'0	+63	-	* +40	+ 55	+++	+4+	+++	6244
November 1333	+19 19 20 17 26	6-5 6-5 6-6 1-6	+03 +03	-01 -64 6-9 - 84 +01	-11 03 04 03	-8-1 6-6 1-9 8-1	12	-17 18 14 18	-16 16 16 26 29	24 24 28 34	27 27 28 28 30	51 51 31 44	- 28 5 5 3 5 5 4 5 0	1 54	-14 54 11 10 50	-11 12 16 16 25	+04 95 95 93 93	+17 17 21 24 28	+9.8 218 319 218 412	1 47	+85 24 36 44 81	+14 41 41 61	+29 57 54 55 48	+2+ 2+ 2+ 2+ 2+ 4+	19-12 26-4 76-4 35-0 26-6
Mess	1+12	+00	-51	-	- 6-6	-	- 120	-17	-9-13	-56	- 5 94	- 8 26	- 5 60	- 4 85	- 8 26	- 1 40	+0-84	+216	+8 1	+8 84	+10	++0	-	+2.94	1818
Desember	+2+ 22 36 51 33	1 19	+0*4 0*0 1*1 0*0 0*1	-01 -03 -04 -03 -04	0 4 0 1 0 1 1 1	-2-2 6-8 6-9 11	-13 09 12 12 12	10 10 10 14 20	-21 17 21 19 31	27 22 24 24 24 35	- 2 2 2 4 4 1 2 8 4 8	-81 88 81 91	71 25 26 26 27	57 51 50 50	-48 99 88 10	27 28 31 10 14	-01 -01 -01 +01	189 16 26 26 34	### ## ## ## ##	**4 28 52 88 58	111	111	94 6 97 97 97 97 87	111	17.4 78.6 18.9 77.6 17.1
Жева	1+24	+13	+43	- 83	-02	-05	-10	-15	-5-6	-2-64	-134	- 8 40	-436	-44	-850	1-24	+8-14	+130	+87	+4 84	+6-83	1400	46.11	+5'84	16-98
Mean of Syears }	+19	+2 00	+01	-07	-19	-171	-17	-29	-141	- 3-91	-4:30	- 4 25	- 931	- 5 84	-4:03	-5/37	+14	+271	+14	4204	+236	+8-41	4010	+334	19 11

#### WAT BULB THERMOMETER.

Note Hearly Variations from the Newthly Meson, that to last,

cottingen Mess Time.				3	4			1	. *			24	12		30	30	10	10		10	-	21	21		Monthly Monthly
Madras Mess Time	4 41	5 41	0.41	171	h as.	> 13	10-11	11 41	12 41	63 El	64.13	20 44	10 14	42.21	19.61	19 41	20 41	11 41	27 41	h.m. 23 41	0 41	1 41	7 41	3 41	
tunnary	0.0	0-1	+01	870	-97 -91 -91 +01	-03 01 65 01	0-1 0-2	01	09 00 11 02	11	113	15	-19 12 29 11 12	12	22	-01 101 -06	15	11	19	+14 17 19 49 49	+17 14 21 16 +120	3.0	+13 10 10 14 +1:33	10	72 4 77 6 60 8 10 8
F-heavey {14.2	9.7		0-1 0-2 0-9	191 191 191 191	191	0.10.00	93 93 93	94	17 19 09	-19 11 11 10	13	10	-98 13 13 79	21	24	-01 +01 +01 +01	12		10	+70 10 20 41 +100	21	12	14	111	11.3 11.0 11.3 11.3 12.3 12.62
Nesse	+174 97 98 91 93	+0*4 0-5 0-6 0-6 0-1	-91 -01 -01 -01 00 101	0 1 0 1 0 1 0 0	-03 -03 -03 -01 00	- 0; -0; -0; -0; 00	-01 -01 -03 -03 -03	00 00 00 00	-01 05 01 01 07	-01 11 00 11 01	-12 19 17 15	-10	- FI TO 10 10 10 10 10 10 10 10 10 10 10 10 10	-24 23 26 35	-17 10 11 10 10	00 00 00 00 00	+09 08 11 0-4 0-7	10-6 9-1 11 1-0 0-7	+11 10 13 16 10		418 13 18 15 17	*19	1-1 0 1-2 1-3 -1-9 0-1	*11	10°3 10°4 10°4 10°5 10°5 10°90
April	0.5	8-7 0-3 6-0	+0-5 0-1 +0-1 +0-6	-01 -01 -01	+#7 -#1	+61 -91 00 101	0-0 0-0	.01	07 02 01	07 14 08	1.1	17	12		01 10 03	- 07	+01 00 -01	+05 +01 +01 -01	***	100 11 05 11 10		+0-7 13 12 16 16 01	+6/1 14 03 13 04 +5 8	0.3	79 0 25 1 74 9 70 7 90 4
Nona	0-0 0-0 0-0 0-2	01 10 10	+1"1 1"1 0"1 0 5 1-1	0 0 0 0 0 0	11	0.3 0.3 1-2	00 01 02 11	+01 -01 01 01 01	01 04 07	19 0-0 10 0-6	15	-1°	11	21	-273 17 00 10 10 10	-19 17 01 03 13	03 03 03	+0.1	+01 +01 +01	+14	+17 10 01 13 03	+1 0 1 0 0 0 1 4 0 7 +1 17	4117 679 173 676 41720	+15 11 09 11 14 +120	19 8 14 7 19 1 10 0 19 4 19 42
lana	+1% 1-1 1-5 1-1 1-1	+09 11 11 11 11 12 +130		11	10 12 12	12 04	01 01 01 01	-91 +91 -97 +84 99	-06 67 11 07 01	82	_11	-11 14 17 17 17	71	-23 27 27 25 25 23	-17 17 19 19 15 14	13	0°0 0°5 0°5	00 00	+01 +01 +03	000 03 11 05 05	+112 01 13 04 13	+14 13 18 09 12 +12(	+117 12 19 19 19 17	19 19 19 19	15 4 17 6 18 1 18 2 18 3 19 3
Fels	12	+1/1 13 14 16 16 19	97 1-6 0-1 1-2	04	61 61 64 16	01 11 00 15	61	-93 -91 +97 +97	97 98 91 97	-17 11 10 61 01	-14 49 67 67		10	21	-19 17 17 19 29	-11 01 11 11 11	01 01 01 13	+03 -03 -03	+01	+00 14 00 01 01	+10 17 10 04 08	010 17 01 01 01	+11 11 11 10 11	10	77-8 16-3 19-7 37-6 17-9
Avgner (1948)	+00 04 1-7 05 1-8	+0*7 0*8 1*1 1*0 1*1	+014 016 113 019 113	+01 20 12 00	***	+010 010 010 013 017	407 03 05 06 11	-01 003 -01 -03 101	-01 -01 -01 -01 -01	-17 06 10 03 01	-12 01 11 00 11	-11 11 15 00 16	-15 14 16 14	-15 17 21 21 21	14 14 10 17	-0-9 0-0 0-0 1-0 1-1	0-0 0-0 0-4 0-0 0-1	0.0 0.0 0.0 1 0.0 1 0.0 1 0.0 1	+0 4 0 0 0 4 0 1 0 1	+19 03 03 03 03 00 +047	+11 00 0% 0%	+116 016 07 01 01	+10 00 07 03 01	014 02 03 03 11	17 0 70 0 17 0 17 0 17 0
Hrone,	+646 015 011 011	9-1 9-3 9-4	+015 0 0 0-1 0-7 0-7	+010 913 910 910 910	+01	+03 -01 +05 +01 +01	-01 -01 -01 -01 +21	0-9 -0-1 0-0 0-0 0-1	-01 01 01 07 07	19 19 99 91 91	-00 17 14 13 07	-14 14 15 14 00	-19 19 19 27 11	-19 19 19 11	-16 15 17 19 19	0 1 0 1 0 2 0 0	- 0°2 0°0 0°0 0°4 - 0°4 - 0°3	+0'3 0 0 0 1 0 3	+00 00 00 00 07	+17	+12 17 07 10	+19 17 17 17 11	16 16 19 12	+0:8 1:1 0:9 1:1 0:1	39-9 37-3 77-8 17-1 77-1
hlider	0-0 5 6-1 0-1 0-1	+01 +01 +01 +01 +01	403 01 01 11 10 03	+93 91 93 94 93	491 491 493 -01 +03	02 02 02 01 01	+01 -01 -01 -03 +01	+01 -02 -05 -05 -07	05 05 01 00 04	- 01 11 1.0 00 00	19 11 19 19	1 5 1 5 1 6 1 7 1 7	-11 10 14 16 10	-15 26 19 21 19	-11 13 01 17 01	→1 →1 +01 -01 +02 +02	+9-3 0-3 0-1 0-6 0-9	+01 09 10 10	+0-4 0-0 1-0 1-3 0-9	+8-1 0-0 1-4 13 0-9	461 15 00 12 10	10 0 0 1 1 3 0 0 0 0 0 0 0 0 0 0 0 0 0 0	10 64	+6-1 4-0 6-7 1-0 6-4	77 0 77 0 70 5 70 5 10 0
1 :	-01 +01 +01 +01 +01	-01 -01 +01 -07 01	+0°2 00 402 -03 607	0-0-7 0-0-1 0-0-1 1-0-1	-01	+01 -02 -02 -02 -03	0-0 -0-3 0-1 0-3 0-3	-01 00 00 01 01	-0% 6% 6% 6% 6%	-07 01 01 03 10	-07 11 0 0 0 7 12	-12 17 11 80	-19 15 15 15 11	-110 114 110 111 119	-14 11 12 12 13	0-0 49-3 9-3 9-1 9-1	+0°0 1°1 0°7 1°2 1°0	+111 110 115 117	+111 1-2 1-3 1-3 1-7	+1·1 12 13 13	+10 00 14 11 11	+1:1 1:1 1:2 1:0 1:1	1-0-9 1-0 0-1 0-1 0-3	00 01 01 03	115 174 117 174 174 170
Nesqu	+0% +0% - 0% +0%	+01 +01 -01 +01	-91 -01 -01 -01	-61 -91 +67 -93 +91	+91 +92 -01	+01 +01 +02 -02 -02	-01 -01 -01 -01 -01	- 03 01 09 00	-01 10 03 00	10	-1:0 1:1 0:0 0:3 1:0	-11 16 19 08	-3-0 170 173 171	-10 20 14 17	-19 19 19 16 16	-04 02 01 01	+0:0 1:0 0:7 0:7 0:9	+116 111 6-5 6-3 113	+14 15 +0 12 10	+1-2 1-2 1-3 1-9 1-1	400 10 11 01	+2°0 1'2 0'7 6'7 1'2	+91 12 01 12 02	03 03	114 183 107 110 110

State   Manual   Table   Tab		7						Mer	n 110	orly V		BULE os fro					1816	lo 1930									
Martin   1800	Gettingen	Mean Time.	Noor	1	2	3	4	3	0	2	10.0	2	10	11	12	15	14	13	16	1:	18	19	20	21	22	23	Wanthin
Name   Same	Madras I	Mean Time.	h.m.	h.m. 5 41	h.m 0 41	lt.m. 7 + 1	h.m. 8 41	14 ML 0 41	b.o. 10 st	h.m. 11 41	h.m. 12 41	h.m. 13 41	h.н. 14 41	ls.m. 15 41			is.m. 1+41	h.nt. 1041	lt.m. 20 41	1c.en. 21 41	b.nt. 22 41	h.m. 23.41	h.m. 0 41	h.m. 1 61	b.m. 2 41	h·m. 3 41	Means.
Figure 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.	January.	}	0'R	1.0	+05 01	+0.0	+01	10.7	+0·1	-0'2 # 1 # 0 F # 0 *	6.0	112	1.4	-1°5 1°6 4 9 1 3 1 7	23	2 6 2 6 3 8 3 8 2 3	2 4 2 1 2 4 2 0 3 3	0.0 0.8 0.6 0.6	113	414 15 13 0 4 17	12	13	12	111	1-2		10°0 69°6 68°6 70°1 70°5
Manch.   Care   18		31enus	+0 86	+0 51	102	101	- 6nos	0 13	0 10	0.01	-014	-140	1 28	-141	-4 52	- 2 22	-2 22	0:4	+ 0.14	+124	+1*40	+1.20	+1962	41'64	+1:34	+1128	49-19
Hands	February.	} ;	1.0	0.2 1.0 0.0	0.6	+0.1	10-1	0.1	014	015 017	1.6	13	1.14	1 8 1 0 1 y 2 0 1 9	1:6	-24 17 25 25 26	- 2 6 11 22 22 2 8	0.4	0.9 1.0	+1% 11 11 11 11 12	111	11	111	1.6	1.9	0.0	75 A 73·1 71·3 71·6 11·6
Marsin   \$\frac{1}{2}\$   \$\fra		Menna	+1'00	20 00	+930	+014	-0 02	-0 10	- 0' \$8	- 0.04	-0.18	-1 10	-110	- 1'10	-1-94	-2:26	-2:23	-0.52	40.12	+1-0	+121	+1'44	+1163	+1.61	+1.64	+1:40	72-10
April	March		1.1	0.5	0:4	0-6 0-3	0.4 0.4	-0.1 (0.0	\$118	0.4 0.6	12	1.6	-119 119 214 119 214	23 24 24 25 25 27	-2:1 2:3 2:7 2:1 3:0	3.0 3.0 3.0 3.0 3.0	-24 15 21 21 29	+0.1		10	1-6	2.0	2.0 1.0 2.0	11 21	1.6	1.2	75'6 75'8 75'8 75'6
Minestan   18   18   18   18   18   18   18   1		Meane	+1:30	+0.44	1 0.46	+0 46	± 0.30	- 0 01	0.71	-0 00	-144	-1 36	-2.01	- 246	-244	-248	-2-32	- 0 12	+0.94	+1:14	+1 6u	1130	+2*00	+1*24	+176	÷1°5≈	2812
Nov	April		0.1	0 1 0 5 0 4 0 H	0 I 0 I 0 3	0.0	0.0 0.0 0.0 0.0	# 0 1 0 1	+0 1 +0 2 0 1 0 0	0.1	+02 -04 -06 -00	0-6 1-1 1-2	11	14 19 18 20	23 24 24 24	16 24 22 26	14 15 16	0 1 0 2 0 4 0 1	0.5	00 04 05	0.4 1.0 0.8 0.9	14	0.6 1.1 1.3 1.4	0°8 1 6 1 5 1 4	0°8 1°1 1°7 1°4	1.7 1.9 1.0	-
Market   10   10   10   10   10   10   10   1		-	100				401			- 114				-10	- 1 1				-0-	0.0		107			40-2	40-2	-
	Мау		1.0	6 2 0 5 4 2 (i =	07	0 t 0 t	0 1 0 1 0 5		+0.1 +0.3 +0.1	0.0 0.0 -0.4 +0.3	0.4 4.0	11 12 0 K	113 113 113	10	2.5	213	11 11 14 14	0 6 0 7 0 2	01 03 01	+01	0 1 0 1 4 3	112 0.5 019	1.3	1:1 1:1	1'5	1.0	
Name	-	-	+1'4	614		114	41.1	-14	+11			-12	- 110	-2:0	-9.9		-14	-12		-	-	_				4.000	
Alguest	Jame	1 8 0 so	1.6	13	13	10	8.9	0.4	0.3	403	411.1	1.1	1.0	9.8		210 211 214 216	17 17 22	1:1 1:3 0:4 1.5							19	1·1 1·6 2·0 1·4	71-44 71-44
Alegaet	July		1% 1% 1% 1% 1%	19 14 14 14 14	11 0 0 0 0 0 1 5	113	1.0	0.4	0.7	0.2	0.5	0.1	191	17	10	2-0	13 22 14	13	10	-6.7	- 0.2	0.1	0.3 1.0 0.1	03	1°3 2 e 1°7 1 3	1.9	-
Minus	_						-0 74	441 40	+6 33		-072	-061	-4.01														
September	August	, so	1 5 1 6 1 4 0 R	0.6	0.7	0.2	0.8	0 1	-01	0.1 -0.1 -0.3	0.1	0.7	-1-6 1-1 1-5 1-1 0-6	11 12 13 11	20 20 19 16	21 21 20 21	1 8 1:1 1:4 1:9	1:1	0.0 0.0 0.1	- 0·1 - 0·2 - 0·3	0.0 0.1 0.2	0.0 0.0 0.1 0.0	1:4	11 13 11 17	19 19 19 19	1:5 1:6 1:1	
1	september	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	+14 17 17 17 17 17 17 17 17 17 17 17 17 17	1-2	+1*4 1*2 0*4 1*2 0*5		114 112 015 019 014	-0.2	+ 0.7 0.6 - 0.6 + 0.2 + 0.5		-01	-01 12 10 06 07	- 0 8 372 1 5 1 0 0 4	-0 n 17 17 16 11	-14 24 26 21 13	1 2 3 0 3 1 2 6 1 7	1'6 23 1 24 13	-12 13 42 16 16						1.9 1.9 0.0	1.6	1-0-6 1-2 1-4 1-6 0-6	26:3
Month:			+1.06	-		+0.31				+1.01	0.15	-0.66	-1:60	-1:01	1174	-2:12	-174			-0"14				+1.00	1 16		16-34
November:	ecoberí	1 8 0 50	0.2	+9-2 0 0 1-0-1	+0 6 -0 1 -0 1	401	6-4 0-0 0-2	+0.3 -0.1	- 0.3	0.3 0.6 0.0	0'8 1'0 0'5 0'5	0.×	13		1:5 1:5 1:5	1.8	13	0.4	0.1 0.2 0.3 0.3	1 °0 1 °0 0 °5	0.6	1.4	118	116	1.4	1·1 1·2 0 p 1·1	
Section   Sect		-	+0.0	101		-				0:0	-0.66	-0.4	-170	-0.1	-151						400	2.0%		4016	+0-4	-	_
December	November	0 80 1 1	0.4	0 2 0 3 0 2 0 2	03 00 01 01	40.2	-01	+01	+01	0.4 0.1 0.0	0.4	0.4	0-8 0-9	10	11	17	13	U-3	014 418 012	0.4 1.2	1-1 0-p 1-1 0-9	1.3	1.3	1-3	1.1 0.8 1.0 0.9	0.0	13.3
Means 44% 40% 40% 40% 40% 40% 40% 40% 40% 40%	December	(1944)	+01	0.0	0.0	0 0 0 0 0 0 0 0	-01 00 00	0 0 -0 1 0 0 0 1	0.3	0.3 0.3 0.4	8-8 6-3 6-3	0.4 1.0	12	0:1	0 * 0 8 1 6 1 6	-1 0 0 0 1 0	-1·1 0 8 1 6 1 9	0.9 0.9 0.9	0 6 0 7 0 7 0 7	+01 06 10	+0-9 0-0 1'4	+1*0 6 8 1*5 1*3	1 0 0 0 9 1 0 1 1	+01 0:1 1:3 1:2	+0°5 0°4 1°1	+ 9°5 0'4 1'3 1'2	11°9 21 6 21 0 21-2
Men nd 2 years	Mean of 2 )		449	+0.18	+0.12				_				-	-1:14			-100				+1.00		-			-	23:48

#### WET BULB THERMOMETER.

Gollingen Mean Time.	Noon.	1	2	3	4	5	2	7	8		10	11	12	13	14	15	10	17	15	10	20	21	22	23	Monthly
Madras Meau Time.	lı.m. 4 4 l	11.tm. 9 41	h.m. ø 41	h.m. † 41	h.m. # 41	h.m. 0 11	h.m. 10 41	h.m. 11 41	h.m. 12 41	h.m. 13 41	h.m. 11 41	10 41	h.m. 16 41	ls m. 11 +1	h.m. 18 41	lı,m. 19 41	ls.m. 20 41	h.m. 21 41	h.m. 22 41	h.m. 23 41	h.m. 0 41	h.m. 1 41	h.m. 3 41	h.m. 3 41	Means
January { 1951 2 3 4 5	+1-2 0-8 0-7 1-5 1-0	+0-9 0 3 1 0 0 9	0.3 0.0 0.0 0.0 0.0	+0'4 0'1 0'0 0'1 0'3	+0·3 +0·3 +0·1 -0·1	0.0 -0.1 0.3 0.1	-0.2 0.4 0.5 0.4 0.6	0.1 0.4 0.1 0.1 0.5	1.0 1.0 0.9 1.5 1.0	-1·1 1·3 0·9 1·5 1·4	1 1 5 1 5 1 1 1 0 1 6	-1:9 1:7 1:1 2:0 1:1	2°3 4°8 1°2 2°3 1°5	- 2·6 2·3 1·3 2·1 2·0	-21 24 43 27 20	- 1·2 1·0 0·5 1·1 1·1	1-0-4 1-1 0-3 0-5 0-5	+ 113 116 113 113 113	+1'4 1'6 1'3 4 6 1 5	41'9 1'8 1'1 1'0 1 7	-19 1'0 1 5 2-1 1 7	+1·9 1·1 1·5 2·1 1·7	+2-0 1-3 1-2 2-0 1-5	+1'8 1'2 1'1 1'4 1'2	09°0 10°5 12°9 69°2 72°1
Means	+1-04	+0.16		+0.56	+0.0×	-0.16	-	-0.61		-1.31	-1:30	1:64	- 1.00	-4-14	-2:22	- 0 10		+1"28	+1-14	+1161			+1'60	+1140	71-16
Fabruary	17 17 16 12 +164	11-4 0-9 11-3 11-4 0-3	+1*2 0.5 0.7 0.9 0.2 +0.70	-0.1 +0.1 +0.2 +0.3 +0.3	+0.3	-0.10 0.1 0.0 0.0 10.5	0.4 0.5 0.0 0.0 0.0	0 % 0 % C	1.1 1.7 1.0 1.1	-17 16 30 11 12 -138	1'9 2'3 1'8 1'4	2.0 2.0 2.0 2.0 2.0 1.5	-3% 22 21 22 1 #	26 28 31 21	2.3 2.1 2.1 2.1 3.0	-1.8 1.1 0.6 1.1 0.0	0.9 1.1 0.2 0.2 +0.6	+1·4 1·1 1·5 0 · 1·0	+14 19 09 13	+31 1'8 1'8 1'2 1'9	+2°2 2°0 2°1 2°0 1°8	1.8 5.0 5.3 5.0 5.0	+2·2 2·2 2·9 1·0	+2°0 21 1°9 1°6 1°6	70-9 71-0 71-1 72-4 72-4
/1601	+1.0	+1*0	- 0-0	+0.1	+0.6	40.3	-0.1	-0-9	-1.0		1:0	- 23	77-6	3.1	201	-0-5	10.0	401	+1*2	+1-9	1-210	+20	+1-8	+1 =	19:2
Means	1:1 1:4 1:1 1:2 -1:46	0°7 1°4 1°4 0°7 +1°04	0.4 0.6 1.0 0.1	+0-1	+0.11	-0.13 -0.1 -0.1 -0.1	-0.3 -0.3 -0.1 -0.4	0.7 1.3 0.5 0.7	1'5 1'0 1'0	-1-3 1-2 1 H 1 6 1-1	1'9 2'1 2'1 1'5	2 to 2 to 2 to 1 to 2 to 2 to 2 to 2 to 2 to 2 to 2 to 2	2·3 2·1 3·2 2·2 -2·70	2'4 2'9 3'6 2'5	2*4 2*9 3*1 2*0 - 2*48	0.3 0.3 0.3 0.3	0.84 1.0 1.0	1.0 1.3 1.2 1.3 +1.10	1'4 1'5 1'6 1'6	1.1	20 22 21 15 +2 02	2°1 2°5 2°1 1°8 +2°10	1-9 2-5 1-9 1-9 +2-00	1.6 2.4 1.5 1.7 +1.40	19-9 16-7 19-4 19-78
April	-0°0 0 6 1°1 1 °5 1 °2 +1°06	+0.46 0.3 0.5 1.5 0.3	+0.4 +0.1 -0.3 +0.5 +0.1	+0.4 0.0 -0.4 +0.3 -0.1	+0-2 0-1 -0-9 +0-2 -0-2	+0-3 - 0-2 - 0-3 - 0-3	+0·1 -0·3 -0·1 -0·3	-0*2 0 6 0 9 0 9	-03 05 09 06 11	-171 172 173 075 173	-1'5 1'4 1'6 1'7 1'4	-1'6 11 1'8 1'4 1'6	-11 1.8 20 17 1.9	- 24 21 20 17 20	-17 11 0 H 10 12	- 6 5 + 6 3 + 6 5 0 3 - 6 1	+0·2 +1·0 +0·9 -0·3 +0·3	+6°s 1°2 1°1 0°1 0°3	+1*4 1 2 1 *2 0 % 3 *3	+1:1 1:7 1:7 1:2 1:7	-1'4 1'7 1'0 1'3 1'1	+1-0 1-4 1-0 1-4 1-1	+0 0 1°2 1°3 1°3 1°3	+0°9 0°9 1°6 1°3 1°4 +1°20	19-0 19-3 19-9 19-6 19-6
/ 1451	4-0-7	+0"2	0.0	-0-4	+0.4	+11	+1-2	+0~9	+0.0	- 0-1	-09	- 1°2 1 0	-1-7	-1-6	1.0	- 0.8	-03	-0.1	0.0	+0*2	+0.1	+0.8	+10	+1-0	79:1
May	0.9 1.0 1.5 1.1 ±1.10	+0°50 1:3 1:3 1:1	1-9	+0.5 +0.1 +0.8 +0.8	+0.25 +0.25	0.5 0.2 0.3 0.3	+1-2 -02 +0*3 -0:1 +0:3	- 0°3 +0°1 - 0°3 +0°1	- 1'3 - 0 4 - 0 4 - 0'3	0.1 0.0 1.0 0.0 1.3	1'4 1'3 1'3 0'9	1 0 1 3 1 4 1 7 -1 5 2	1:0 1:0 1:0	2°3 2°3 2°3 2°3 2°3	19 19 19 17	0.2 0.1 1.0 -0.1e	0.1 0.6 0.1 0.9	-0.4 -0.4 -0.4	+0.54	1 '2 0'5 0'8 0'4 +0'6'	+1.10 1.0 1.0 1.0 5.1	3.5 1.3 1.2 1.1 +1.32	1.4 1.9 1.0 +1.40	1.4 1.6 1.3 0.9 +1.30	79°1 79°5 91°2 80°2 81°2
June	+1°3 1°1 1°4 1°7 1°4 +1°3°	+1·1 0'e 1·5 1·0 1·4	+1*1°	+1'0 0'4 1'9 1'1 0 4	+1:30 +1:30 +1:30	+0.50 0.1 1.3 0.6 41.3 +1.3	+0°0 0°4 0°5 0°5	+0.4 0.4 0.4 0.4	-0.04 -0.1 -0.1 -0.1 -0.1	-0 9 0 0 0 1 0 9 0 8	-1:2 1:5 1:0 1:1 0:9	-1:31 1:4 1:4 1:4	-1°7 21 20 20 1°4 -1°92	214 214 215 213 215 215 215 215	2*0 1 0 2*3 2 0 1*s	1:3 1:0 1:1 1:2 1:3	0-1 0-1 0-2 0-9	-0-4 0-5 0-5 0-6 0-2 -0-44	-09 +6-1 -02 -05 +0-1 -0',0	+0 2 0 9 0 6 0 2 0 4	+0.5	+0 8 1 5 0 0 0 9 0 9	+1:0 1:5 1:0 1:2 0:9	+1:2 1:3 0:9 1:4 0:5	76-3 74-6 78-5 79-1 70-6 76-82
July {	+1:1 12 12 13 10 10 +1:46	+1·1 1·3 1·3 1·3 1·3 1·5	+1.0 1.1 0.7 1.1 1.0	+0 9 0 % 1 0 0 7 1 4	+0-2 0-5 0-8 0-8 1-2 +0-01	0°0 +03 05 02 04 +036	-03 600 +01 600 +01	0 4 -0 2 -0 0 +9 3	- 0 0 0 6 0 0 0 R 0 1	-1.0 10 0.3 11 0.3	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	-1·7 1·2 1·1 1·1 0·9	-20 1'2 1'4 1'9 1'2	-22 17 17 24 24 -24	-1-4 11 114 212 24	-1:1 0:9 1:1 1:4 1:7	-0.4 0.2 0.4 0.6 1.2	-0.2 6.3 6.6 0.1 0.6	+0·3 -0·2 -0·1 +0·5 -0·3	+1-0 0-2 0-3 0-4 1-0 1-0	+1·3 0·1 0·0 1·1 0·5 +0·90	+1-9 0-6 1-3 1-7 1-0 +1-24	+1.6 1.2 1.2 1.0 1.2 +1.42	+1:8 1:2 1:3 2:4 1:1 +1:34	18-20 19-3 19-3 11-7
Λοgφί {1×51 2 2 3 3 4 5 5	+2°1 1°5 1°6 2°4 1°4 -1°88	+1.9 1.9 1.9 1.5 1.7	+1:5 0:7 0:9 1:4 +1:00	+0.8:	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	+9°2 +0°9 +0°4 -0°3 +0°1	0.0 +0.4 +0.2 -0.7 +0.2 +0.2	-0.1 0.0 0.1 0.0 0.0	-0.4 0.6 0.3 1.1 6.1	-0'9 0'9 1'1 1'3 0'2	- 119 112 114 113 114 - 1116	-2.0 1.4 1.6 1.5 0.7	-24 14 19 14 10	-2% 1 × 21 21 20 -212	- 2*4 2*2 1*7 1*8 1*8 - 1*90	-1's 1'5 1'1 1'0 1'3	- 1·1 0·4 0·9 0·6 1·1	0·3 0·3 0·2 1·0	+0 + +0 + 2 + 0 + 1 + 0 + 1 + 0 + 5 + 0 + 0 + 0 + 0 + 0 + 0 + 0 + 0	+1°2 0 7 0 4 0 9 0 0	+1·1 1·1 0·5 1·2 0·4	+2·0 1·4 1·1 1·8 1·0 +1·44	+2.0 1.7 1.5 2.4 1.0 +1.72	+2*0 1*6 1*6 2*5 1*2 +1*70	19-19 10-9 11-9 11-9 11-9
September	+04 05 1·2 1·9 1·1	+0.1 0.1 0.9 1.4 6-8	+07 06 08 07 07	+0°A 0°5 0°5 0°6 +0°6	+0.6 0.3 0.1 0.3 0.0	+0.7 0.9 0.3 6.4 0.0	+0.0 0.3 0.1 0.2 0.2	01 00 01 04 +02	+0-6 -0-1 -0-1 -0-2	- 0.1 - 0.4 - 0.4 - 0.4	-0-4 0-8 0-7 1-3 0-6	-0-3 0 0 1-2 1-1 0 9	-1:3 1:3 1:7 2:1 1:3 -1:32	1:8 1:3 2:1 2:3 1:0	-17 14 17 14 17	-1:3 07 09 1:0 1:1	0-8 0-4 0-5 0-6	-0'4 +0'1 +0'3 -04	0.0 +0.1 0.4 0.7 -0.1	F0'4 03 06 07 03	+0.4 0.1 1.1 9.0 0.1	+0 6 0 9 1 4 1 1 0 9	+0°0 1°0 1°1 1°1 1°1	+0.9 0.8 1.3 1.9 1.1	19-0 75-1 79-4 79-1 79-0
/1551	0.8	+0'5	1+00	+0.5	-	+02	01	- 6-3	0.5	-030	- 0 1	-11	- 114	- 1-7	-19	0-8	-01	+0.7	40%	+6.0	+1-2	+1:1	+1.0	400	
October 3 4 5 5	1 4 0 9	0.3 0.1 0.4	0.0	0.0	-0.5 +0.1 +0.1	-01 -05 -03 -01	0.2 0.2 0.2	0.8 0.3 0.4 0.7	0.0 1.3 0.4 0.0	1·0 0·9 1·9 1·2	11 11 11 11 11 11	1-2 1-2 1-8 1-5 -1-34	1:3 1:4 1:3 1:1 -1:54	1 3 1·3 2·0 1·8	1132	0.3 0.1 0.5 0.5	+0.4 +0.1 0.0 +0.2 +0.12	0.6	1-1 0-9 1-2 1-2 +0-96	1·4 0·9 1·1 1·3 +1·24	1 6 1 1 2 0 1 4 +1 41	1-4 7-0 1-9 1-5 +1-38	1'3 0'0 1'0 3'5 +1'32	+1.10 1.0 1.1	17:3 17:4 17:0 19:3 77:9
November { 145	40 6 0 7 0 3 0 3	+0·2 0·2 0·3 0·3 0·1	+01 +01 -01 -02 +03	0°0 0°2 0°2 0°0	-02 03 03 0-2	0 3 0 4 0 5 0 1	-0.6 0.4 0.5 0.5	-0.1 0.4 0.0 0.0	- 0 ii 0 3 0 7 0 7 0 9	0.3 0.1 0.0 0.0 1.3	- 0'9 0'0 0 0 1'0 1 6	-1·1 1·1 1·0 1·1	-1·2 1·3 1·3 1·3 2·0	-1'3 1 4 1'3 1'4 2'2	-1'1 10 0'4 0 0 1'9	-02 +03 +03 +01 -07	0.2 0.3 0.3 +0.3	+07 05 11 13 97	+1.0 1.0 1.0 1.4 1.1	+1'1 1 4 1'1 1 5 1 5	+12 15 70 16 19	+1·3 1·4 0·8 1·2 1 0	+1·1 1·3 0 4 0 9 1·6	+1·1 1·0 0·3 0·6 1·9	79'6 74'6 74'1 79'5 72'6
Меала	+0.1	+03	+0%	- 0-1	- 020	031	- 0'10	- 0:54	- 0.84	0.84	-192	-170	1-40	-1.00	-1.19	-002	+0.24	+0×6	+1.10	+1-32	+1:42	+1:36	+140	+0.54	76 14
December	0.5 1.0 0.6 1.0	0.5	+0.4	+01 +02 +02 -02 -03	-0-6	-0.2 +0.1 +0.1 +0.2	- 0-5 0-0 0-2 0-3 1-1	-0.5 0.1 0.5 0.0 1.4	-00 02 10 04 1*3	0 6 0 % 1-2 6-8 1-1	- 0.8 0.9 1.5 1.0 1.9	-1·2 0·6 1·0 1·1 1·1	-1:8 1:0 2:2 1:3 2:0	-1:7 1:2 3:6 1:4 2:3	-1.5 1.9 2.4 1.1 2.0	-0.4 0.9 6.3 0.1 0.2	+0°? -0°1 +1°0 +0°0 +0°8	+1:1 0.9 1:8 1:1 1:1	+1·1 0·6 1·9 1·6	+1·2 1·1 1·1 1·8 2·2	+1·2 1·0 1·5 1·2 2·0	+1:3 1:0 1:5 1:0 2:1	+1°0 0°9 1°2 0°8 2°0	+0-8 0-7 1-2 0-9 1-4	31.6 33.3 69.0 35.3 11.0
Meana.,,,,,	+0-2	40-4	2 +01	2 00	0 -0:20	-030	- 0-46	-0-63	-0:10	0 at	- 1 68	- 134	-130	1 34	-1.10	- 0 52	+0 64	+1 20	+1'44	+1'54	4134	+1.36	+1-14	+0 92	11-26





